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EIGHTY-THIRD ANNUAL REPORT

OF THE

DEPARTMENT OF EDUCATION

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FOR THE YEAR ENDING NOVEMBER 30, 1919



BOSTON

WRIGHT & POTTER PRINTING CO., STATE PRINTERS

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1920

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# CONTENTS.

	PAGE
MEMBERS AND STAFF OF THE DEPARTMENT, . . . . .	5-9
OUTLINE OF REPORT, . . . . .	12

## P A R T I.

Report of the Commissioner, . . . . .	13-133
Summary of Achievements of the Board of Education since its Establishment, . . . . .	13-17
Changes in the Staff, . . . . .	17, 18
The Lawrence Plan for Education in Citizenship, . . . . .	19-28
Changes in the Content of the Course of Study, . . . . .	19-26
Pupil Participation in the Management of the School, . . . . .	26
Changes in Method, . . . . .	27
The Socialized Recitation as a Means of teaching Citizenship, . . . . .	27
The New Basis for rating Children, . . . . .	28
Teachers' Salaries, . . . . .	29-38
High Schools, . . . . .	39-63
Planning High School Buildings, . . . . .	39-49
Basic Principles in planning New High School Buildings, . . . . .	39-44
Advantages of a Junior-Senior Building, . . . . .	44, 45
Articulating Assembly and Gymnasium, . . . . .	45
Program for a High School Building, . . . . .	46-49
Survey of Junior High Schools in 24 Cities and Towns, . . . . .	49-59
High School Administration, . . . . .	60, 61
State Aid for High School Education, . . . . .	61, 62
Certification of Teachers for State-aided High Schools, . . . . .	62, 63
Approval of High Schools for Certification to State Normal Schools, . . . . .	63
State Normal Schools, . . . . .	64-85
Loss in Enrollment, . . . . .	64
Comparative Statistics as to Membership, . . . . .	65
Conferences, . . . . .	65, 66
Committee Reports, . . . . .	66
Summer Sessions, . . . . .	67
New Grounds and Buildings, . . . . .	67
Departments of Instruction, . . . . .	68-70
Extracts from Reports of Principals, . . . . .	70-85
State-aided Vocational Education, . . . . .	86-119
Subdivision of Supervision, . . . . .	86-97
Field of Agricultural Schools and Departments, . . . . .	86-89
Field of Industrial Schools for Men and Boys, . . . . .	89-92
Field of Industrial Schools for Women and Girls, . . . . .	93
Field of Household Arts Schools and Departments, . . . . .	93-97
Subdivision of Vocational Teacher-training, . . . . .	97-110
All Fields, . . . . .	97-101
Field of Agricultural Schools and Departments, . . . . .	101-103
Field of Industrial Schools for Men and Boys, . . . . .	103-106
Field of Industrial Schools for Women and Girls, . . . . .	106
Field of Household Arts Schools and Departments, . . . . .	106-110
Subdivision of Administration, . . . . .	110-119
All Fields, . . . . .	110, 111
Field of Continuation Schools, . . . . .	111-119
Smith-Hughes Report, . . . . .	119

Report of the Commissioner — *Concluded.*

	PAGE
University Extension, . . . . .	120-133
Americanization, . . . . .	120
Administration of the Americanization Act, . . . . .	120-122
Americanization Courses at Hyannis Normal School, . . . . .	122
Improvement of Instruction Material, . . . . .	123
Co-operative Classes, . . . . .	123
Certificating Classes, . . . . .	124
Collection of Data on Evening Schools, . . . . .	124, 125
Classes of Special Interest, . . . . .	125, 126
Public Exercises on Completion of Classes, . . . . .	126, 127
Improvement of Correspondence Instruction, . . . . .	127
Dropped Students in Correspondence Courses, . . . . .	128
Publications, . . . . .	128, 129
Re-enrollments, . . . . .	129
Co-operation with Connecticut Valley Colleges, . . . . .	130
Extension Courses in Normal School, . . . . .	130
Interest of Other Extension Organizations in the Massachusetts Division, . . . . .	131
Time spent by Correspondence Students in completing Courses, . . . . .	131-133

## P A R T I I.

Statistics, . . . . .	134-267
General Education, . . . . .	134-191
State-aided Vocational Education, . . . . .	192-258
University Extension, . . . . .	259-267
Tabulation of the School Returns for the School Year ending June 30, 1919, . . . . .	i-cv

# DEPARTMENT OF EDUCATION.

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PAYSON SMITH, *Commissioner of Education.*

## Members of Advisory Board.

PAYSON SMITH, *Chairman, State House, Boston.*

### Term expires

1920.	SARAH LOUISE ARNOLD,	.	.	.	Riverbank Court, Cambridge.
1920.	Mrs. ELLA LYMAN CABOT,	.	.	.	1 Marlborough Street, Boston.
1921.	FREDERICK P. FISH,	.	.	.	84 State Street, Boston.
1921.	WALTER V. McDUFFEE,	.	.	.	Central High School, Springfield.
1922.	A. LINCOLN FILENE,	.	.	.	426 Washington Street, Boston.
1922.	THOMAS H. SULLIVAN,	.	.	.	Slater Building, Worcester.

---

GEORGE H. VARNEY,	.	.	.	.	.	<i>Business Agent.</i>
THOMAS J. GREEHAN,	.	.	.	.	.	<i>Chief Clerk.</i>

## Division of Elementary and Secondary Education and Normal Schools.

FRANK W. WRIGHT,	.	.	.	.	.	.	.	<i>Director.</i>
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### AGENTS.

BURR F. JONES,	.	.	.	.	.	<i>Elementary Schools.</i>
CLARENCE D. KINGSLEY,	.	.	.	.	.	<i>High Schools.</i>
ROBERT I. BRAMHALL,	.	.	.	.	.	<i>Research and Statistics.</i>
HARRY E. GARDNER,	.	.	.	.	.	<i>Registration of Teachers.</i>

## Division of Vocational Education.

ROBERT O. SMALL,	.	.	.	.	.	.	.	<i>Director.</i>
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### AGENTS.

#### Subdivision of Supervision.

RUFUS W. STIMSON,	.	.	.	.	<i>Field of Agricultural Schools and Departments.</i>
ARTHUR S. ALLEN,	.	.	.	.	<i>Field of Industrial Schools for Men and Boys.</i>
LOUISA I. PRYOR,	.	.	.	.	<i>Field of Industrial Schools for Women and Girls.</i>
LOUISA I. PRYOR,	.	.	.	.	<i>Field of Household Arts Schools and Departments.</i>
CAROLINE E. NOURSE, Assistant,	.	.	.	.	<i>Field of Household Arts Schools and Departments.</i>

*Subdivision of Vocational Teacher-Training.*

WILLIAM D. PARKINSON, . . . .	<i>In charge of Vocational Teacher-Training in all Fields.</i>
FRANKLIN E. HEALD, . . . .	<i>Field of Agricultural Schools and Departments.</i>
M. NORCROSS STRATTON, . . . .	<i>Field of Industrial Schools for Men and Boys.</i>
ANNA A. KLOSS, . . . .	<i>Field of Household Arts Schools and Departments.</i>
ANNA P. HANRAHAN, Assistant, . . . .	<i>Field of Household Arts Schools and Departments.</i>
EDNA M. STURTEVANT, Assistant, . . . .	<i>Field of Household Arts (Resident, Framingham Normal School).</i>

*Subdivision of Administration.*

CARL E. HERRICK, . . . .	<i>All Fields.</i>
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**Division of University Extension.**

JAMES A. MOYER, . . . . .	<i>Director.</i>
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## AGENTS.

HERBERT A. DALLAS, . . . . .	<i>Classes in Industrial Subjects.</i>
DENNIS A. DOOLEY, . . . . .	<i>Field Agent.</i>
CHARLES W. HOBBS, . . . . .	<i>Editor and Supervisor of Instruction.</i>

JOHN J. MAHONEY, . . . . .	<i>Supervisor of Americanization.</i>
MARY L. GUYTON, . . . . .	<i>Assistant in Americanization.</i>

**Division of Immigration and Americanization.**MRS. PAULINE REVERE THAYER, *Director.*

## MEMBERS OF ADVISORY BOARD.

## Term expires

1920. HENRY P. KENDALL, . . . . .	Walpole.
1920. ABRAHAM E. PINANSKI, . . . . .	Boston.
1921. DOMENIC D'ALLESANDRO, . . . . .	Quincy.
1921. FRANCIS W. TULLY, . . . . .	Brookline.
1922. STANISLAUS MIECKOWSKI, . . . . .	Worcester.
1922. MARY A. BARR, . . . . .	Boston.

ALICE W. O'CONNOR, . . . . .	<i>Executive Secretary.</i>
HERMAN B. DINE, . . . . .	<i>Branch Secretary (New Bedford).</i>
LEWIS A. TWITCHELL, . . . . .	<i>Branch Secretary (Springfield).</i>
JOSEPH A. MERENDA, . . . . .	<i>Special Investigator.</i>
DAISY B. STEINBERG, . . . . .	<i>Office Correspondent.</i>
BRONISLAUS A. JEZIERSKI, . . . . .	<i>Investigator.</i>
MARTHA C. COFFEY, . . . . .	<i>Naturalization Clerk.</i>
ALPHONSE CANGIANO, . . . . .	<i>Legal Assistant.</i>
ANTOINETTE OBERTI, . . . . .	<i>Italian Interpreter.</i>
HENRY BARTKIEWICZ, . . . . .	<i>Clerk and Interpreter (New Bedford).</i>
MANUEL GOMES, . . . . .	<i>Interpreter (New Bedford).</i>
ALICE L. WHITE, . . . . .	<i>Counter Clerk.</i>
ROSE J. BARABESSI, . . . . .	<i>Interpreter (Springfield).</i>

**Division of the Blind.**CHARLES B. HAYES, *Director.***MEMBERS OF COMMISSION.****Term expires**

1923.	EDWARD E. ALLEN,	.	.	.	.	.	.	Watertown.
1920.	Mrs. WILLIAM W. TAFF,	.	.	.	.	.	.	Brookline.
1921.	WALTER B. SNOW,	.	.	.	.	.	.	Watertown.
1922.	JOHN P. REYNOLDS,	.	.	.	.	.	.	Boston.
1924.	JOHN D. W. BODFISH,	.	.	.	.	.	.	Hyannis.

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HELEN F. O'LEARY,	.	.	.	.	.	Accountant.
IDA E. RIDGEWAY,	.	.	.	.	.	Supervisor of Work for Children.
FLORENCE W. BIRCHARD,	.	.	.	.	.	Superintendent of Employment.
FLORENCE E. CUMMINGS,	.	.	.	.	.	Manager, Salesroom.
GEORGE S. MANSFIELD,	.	.	.	.	.	Sales Agent.
ROSE E. TRAINOR,	.	.	.	.	.	Field Worker for Conservation of Eyesight.
MARY W. RICHARDSON,	.	.	.	.	.	Field Worker.
FRANCIS B. IERARDI,	.	.	.	.	.	Field Worker.
FRED V. WALSH,	.	.	.	.	.	Field Worker.
HELEN E. JOWDERS,	.	.	.	.	.	Field Worker.
JAMES T. COLE,	.	.	.	.	.	Superintendent of Industries for Men.
H. FRANCES LEWIS,	.	.	.	.	.	Manager, Woolson House Industries.

**Division of Public Libraries.**CHARLES F. D. BELDEN, *Director.***MEMBERS OF COMMISSION.****Term expires**

1921.	ANNA M. BANCROFT,	.	.	.	.	.	.	Hopedale.
1922.	ELIZABETH P. SOHIER, <i>Secretary,</i>	.	.	.	.	.	.	Beverly.
1923.	FRANK H. HOWES,	.	.	.	.	.	.	Newton.
1924.	HILLER C. WELLMAN,	.	.	.	.	.	.	Springfield.

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E. LOUISE JONES,	.	.	.	.	.	.	General Secretary.
J. MAUDE CAMPBELL,	.	.	.	.	.	.	Director of Work with Aliens.
— — — — —,	.	.	.	.	.	.	Agent.

**Teachers' Retirement Board.**CLAYTON L. LENT, *Secretary.***MEMBERS OF BOARD.**PAYSON SMITH, *Commissioner of Education.***Term expires**

1922.	HARRY SMALLEY,	.	.	.	.	.	.	Fall River.
1920.	ELLEN A. STILLINGS,	.	.	.	.	.	.	Lowell.

**Massachusetts Nautical School.**WILLIAM H. DIMICK, *Secretary*.

## BOARD OF COMMISSIONERS.

## Term expires

1921.	FRANCIS T. BOWLES, <i>Chairman</i> ,	.	.	.	.	.	Barnstable.
1920.	WILLIAM E. McKAY,	.	.	.	.	.	Boston.
1922.	CLARENCE E. PERKINS,	.	.	.	.	.	Winthrop.

**Massachusetts Agricultural College.**KENYON L. BUTTERFIELD, *President*.

## TRUSTEES.

*Ex officio* HIS EXCELLENCY CALVIN COOLIDGE.*Ex officio* PAYSON SMITH, *Commissioner of Education*.*Ex officio* ARTHUR W. GILBERT, *Commissioner of Agriculture*.*Ex officio* KENYON L. BUTTERFIELD, *President of the College*.

## Term expires

1921.	ELMER D. HOWE,	.	.	.	.	.	.	Marlborough.
1921.	EDMUND MORTIMER,	.	.	.	.	.	.	Grafton.
1922.	NATHANIEL I. BOWDITCH,	.	.	.	.	.	.	Frammingham.
1922.	WILLIAM WHEELER,	.	.	.	.	.	.	Concord.
1923.	CHARLES A. GLEASON,	.	.	.	.	.	.	New Braintree.
1923.	JAMES F. BACON,	.	.	.	.	.	.	Boston.
1924.	HAROLD L. FROST,	.	.	.	.	.	.	Arlington.
1924.	FRANK GERRETT,	.	.	.	.	.	.	Greenfield.
1925.	CHARLES H. PRESTON,	.	.	.	.	.	.	Danvers.
1925.	CARLTON D. RICHARDSON,	.	.	.	.	.	.	West Brookfield.
1926.	DAVIS R. DEWEY,	.	.	.	.	.	.	Cambridge.
1926.	JOHN F. GANNON,	.	.	.	.	.	.	Pittsfield.

**Bradford Durfee Textile School, Fall River.**HENRY W. NICHOLS, *Principal*.

## TRUSTEES.

*Ex officio* HIS HONOR JAMES H. KAY, *Mayor*.*Ex officio* PAYSON SMITH, *Commissioner of Education*.*Ex officio* HECTOR L. BELISLE, *Superintendent of Schools*.

## Term expires

1921.	LEONTINE LINCOLN, <i>President</i> ,	.	.	.	.	.	Fall River.
1921.	JOHN S. BRAYTON, <i>Vice-President</i> ,	.	.	.	.	.	Fall River.
1922.	PETER H. CORR, <i>Vice-President</i> ,	.	.	.	.	.	Taunton.
1922.	JOHN GOSS, <i>Treasurer</i> ,	.	.	.	.	.	Fall River.
1921.	WILLIAM HOPEWELL, <i>Clerk</i> ,	.	.	.	.	.	Fall River.
1920.	ARTHUR S. PHILLIPS,	.	.	.	.	.	Fall River.
1920.	BENJAMIN B. READ,	.	.	.	.	.	Fall River.
1920.	JAMES F. TANSEY,	.	.	.	.	.	Fall River.
1920.	CHARLES B. CHASE,	.	.	.	.	.	Fall River.
1920.	ROBERT PLACE,	.	.	.	.	.	Fall River.
1921.	FRANK L. CARPENTER,	.	.	.	.	.	Fall River.
1921.	JAMES SINCLAIR,	.	.	.	.	.	Fall River.
1922.	THOMAS B. BASSETT,	.	.	.	.	.	Fall River.
1922.	EDMUND COTE,	.	.	.	.	.	Fall River.
1922.	RICHARD G. RILEY,	.	.	.	.	.	Fall River.



**Lowell Textile School.**CHARLES H. EAMES, *President.***TRUSTEES.***Ex officio* HIS HONOR PERRY D. THOMPSON, *Mayor.**Ex officio* PAYSON SMITH, *Commissioner of Education.***Term expires**

1921.	ARTHUR G. POLLARD, <i>Chairman,</i>	Lowell.
1921.	ROYAL P. WHITE, <i>Vice-Chairman,</i>	Lowell.
1920.	GEORGE H. SAYWARD,	Winchester.
1920.	FREDERICK A. FLATHER,	Lowell.
1920.	WILLIAM M. WOOD,	Andover.
1920.	HENRY A. BODWELL,	Andover.
1920.	EDWARD H. ABBOTT,	Westford.
1921.	GEORGE E. KUNHARDT,	North Andover.
1921.	HERBERT WATERHOUSE,	Chelmsford.
1921.	CHARLES F. YOUNG,	Lowell.
1922.	HUGH J. MOLLOY,	Lowell.
1922.	WILLIAM A. MITCHELL,	Lowell.
1922.	T. ELLIS RAMSDELL,	Great Barrington.
1922.	WILLIAM R. MOORHOUSE,	Winchester.
1922.	THOMAS T. CLARK,	Billerica.

**New Bedford Textile School.**WILLIAM E. HATCH, *Principal.***TRUSTEES.***Ex officio* HIS HONOR CHARLES S. ASHLEY, *Mayor.**Ex officio* PAYSON SMITH, *Commissioner of Education.**Ex officio* ALLEN P. KEITH, *Superintendent of Schools.***Term expires**

1921.	WILLIAM E. HATCH, <i>President,</i>	New Bedford.
1920.	FREDERIC TABER, <i>Treasurer,</i>	New Bedford.
1921.	JAMES O. THOMPSON, JR., <i>Clerk,</i>	New Bedford.
1920.	JOHN L. BURTON,	New Bedford.
1920.	JOSEPH H. HANDFORD,	New Bedford.
1920.	THOMAS F. GLENNON,	New Bedford.
1920.	JOHN SULLIVAN,	New Bedford.
1921.	NATHANIEL B. KERR,	New Bedford.
1921.	CHARLES M. HOLMES,	New Bedford.
1921.	LEWIS E. BENTLEY,	New Bedford.
1922.	CHARLES O. DEXTER,	New Bedford.
1922.	GEORGE WALKER,	New Bedford.
1922.	ABBOTT P. SMITH,	New Bedford.
1922.	SAMUEL ROSS,	New Bedford.
1922.	FREDERICK W. STEELE,	New Bedford.



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ANNUAL REPORT

OF THE

DEPARTMENT OF EDUCATION

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## OUTLINE OF REPORT.

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The Commissioner of Education has the honor to submit herewith to the Legislature, in accordance with sections 8 and 56 of chapter 350 of the General Acts of 1919, the eighty-third annual report of the Department of Education.

The report is presented in two parts: —

### PART I. — Report of the Commissioner of Education.

Summary of Achievements of the Board of Education since its Establishment.

The Lawrence Plan for Education in Citizenship.

Teachers' Salaries.

High Schools.

State Normal Schools.

State-aided Vocational Education.

University Extension.

### PART II. — Statistics.

General Education.

State-aided Vocational Education.

University Extension.

Tabulation of the School Returns for the School Year ending June 30, 1919.

# ANNUAL REPORT.

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## PART I.

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### REPORT OF THE COMMISSIONER.

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#### SUMMARY OF ACHIEVEMENTS OF THE BOARD OF EDUCATION SINCE ITS ESTABLISHMENT.

With the enactment of chapter 350 of the General Acts of 1919, consolidating the boards and commissions in the State service, several fundamental changes were made in the organization of the educational work of the State. Among the most important changes were the consolidation into a new department of education of several related activities, the abolition of the Board of Education, and the creation of the Advisory Board of Education, consisting of six members and the Commissioner of Education, who is *ex officio* chairman.

The activities of the Department of Education are now carried on under the following divisions and schools: —

- Division of Elementary and Secondary Education and Normal Schools.
- Division of Vocational Education.
- Division of University Extension.
- Division of Immigration and Americanization.
- Division of the Blind.
- Division of Public Libraries.
- Teachers' Retirement Board.
- Massachusetts Agricultural College.
- Massachusetts Nautical School.
- Bradford Durfee Textile School, Fall River.
- Lowell Textile School.
- New Bedford Textile School.

The passing of the Board of Education marks the close of an important era in the development of a State policy of education. This Board was brought into existence in 1837 under the following act:—

LAWS OF 1837, CHAPTER 241, SECTIONS 1 AND 2.

SECTION 1. His Excellency the Governor with the advice and consent of the Council, is hereby authorized to appoint eight persons who together with the governor and lieutenant governor *ex officiis*, shall constitute and be denominated the Board of Education. . . .

SECTION 2. The board of education shall prepare and lay before the legislature in a printed form on or before the second Wednesday of January annually, an abstract of the school returns received by the secretary of the Commonwealth, and the said board of education may appoint their own secretary who shall receive a reasonable compensation for his services not exceeding one thousand dollars per annum, and who shall under the direction of the board collect information of the actual conditions and efficiency of the common schools and other means of popular education; and diffuse as widely as possible throughout every part of the Commonwealth, information of the most approved and successful methods of arranging the studies and conducting the education of the young, to the end that all children in this Commonwealth, who depend upon common schools for instruction, may have the best education which those schools can be made to impart.

Cubberley states that this was the first real State board of education. Since that time thirty-eight states have established boards of education, of which six are of the Massachusetts type.

The first duties of the Board of Education in Massachusetts were the collection and distribution of information with reference to education, and the establishment and supervision of State normal schools. The Board was extremely fortunate in the choice of its first secretary, Horace Mann. Under his leadership the appropriations for the public schools were doubled, the salaries of the teachers were increased, better schoolhouses were provided, the length of the school year was increased, and three State normal schools were established. But more important than all these was the new interest in the public schools which he aroused in the common people, and thus made possible the rapid progress in education in this State. His twelve years of service as secretary of the Board were marked by permanent contributions to the educational policy of this State and the Nation.

For a period of seventy years the work of the Board of Education gradually expanded and its influence increased. Among the important accomplishments of this period were the following: —

1. The establishment of ten State normal schools.
2. Compulsory supervision of all schools by expert superintendents of schools.
3. The enactment of legislation making available high school education at public expense for all children of the Commonwealth.
4. The abolition of the district system and the establishment of the town or city as the unit of school administration.
5. The enactment in 1852 of the first compulsory school attendance law in the United States.
6. The enactment in 1884 of the first compulsory free textbook law.
7. The establishment of schools for the care and instruction of defective children.

An important change was made in the Board of Education in 1909. Industrial education in Massachusetts had developed to an extent that necessitated a broadening of the duties of the Board. This was accomplished through the consolidation in 1909 of the Board of Education and the Commission on Industrial Education which had been appointed by Governor Douglas in 1906. With this consolidation the membership of the Board was changed from 10 members — the Governor and Lieutenant-Governor serving *ex officiis* — to 9 members.

The consolidation act provided for the appointment of a commissioner of education in place of the secretary of the Board, and for two deputy commissioners, "one of whom shall be especially qualified to deal with industrial education."

David Snedden was called to the first commissionership of education from a professorship at Columbia University, and for seven years guided the work of the new Board of Education.

During the decade 1909–19 many important laws for the improvement of education were enacted under the leadership of the Board of Education. Among these were laws relating to the following: —

1. Medical inspection of school children.
2. Retirement of teachers.
3. Tenure of office for teachers and superintendents of schools.
4. Child labor.
5. Minimum salaries for teachers and for superintendents of schools in superintendency unions.
6. Establishment of a Department of University Extension.
7. Creation of the Teachers' Registration Bureau.
8. Establishment of schools for the Americanization of adult non-English-speaking persons.
9. Continuation schools.
10. Equalization of educational opportunities through State aid applied to teachers' salaries.

In 1909 the number of employees in the office of the Board of Education was 9. With the great expansion of the powers and duties of the Board, this number had increased to 105 on Dec. 1, 1919.

In the field of vocational education the rapid development in the decade 1909-19 is indicated by the following statistics: —

	1909.	1919.
Schools, . . . . .	6	107
Occupations, . . . . .	4	50
Enrolled, . . . . .	1,400	25,000
Total cost, . . . . .	\$5,000	\$881,000

Another significant development of this decade was in the field of University Extension. This department, created by chapter 294 of the General Acts of 1915, was the first department of its kind to be placed under a State board of education.

The department has carried on its work for the citizens of the Commonwealth through three channels: —

1. Correspondence instruction.
2. Class instruction.
3. Americanization classes.

On Dec. 1, 1919, there were enrolled 9,233 persons who had pursued during the preceding year some form of instruction in the Department of University Extension. On the same date



the total cumulative enrollment in the department was 19,224, with 5,102 completions of courses.

To meet the need for Americanization work among the large number of non-English-speaking residents of Massachusetts the Board of Education secured the enactment of chapter 295 of the General Acts of 1919. Since Sept. 1, 1919, 27 cities and 26 towns have accepted the provisions of this act.

Since 1911 the Board has published for general distribution within the Commonwealth 113 bulletins and circulars of information on educational topics.

Through several annual conferences called under the auspices of the Board, and through extensive field work and speaking service of staff members, the Board has extended its influence throughout the State.

This brief summary is an attempt to indicate some of the important achievements of the Board of Education that passed out of existence through the consolidation act which went into effect on Dec. 1, 1919. The significant and far-reaching contributions to the promotion of education in Massachusetts by the Board of Education through eight decades cannot be overestimated.

The Commonwealth has been fortunate in having the devoted and unselfish service of many distinguished men and women in the membership of the Board of Education. Their efforts have been an important factor in the establishment of sound educational policies.

#### CHANGES IN THE STAFF.

There have been few changes in the staff of the Department during the past year. Mr. Charles F. Towne resigned as agent for Immigrant Education on Aug. 31, 1919. On Nov. 12, 1919, Edward C. Baldwin resigned as business agent, after a continuous service of eight years.

Miss Edna M. Sturtevant was appointed on Aug. 1, 1919, resident supervisor of the vocational household arts course at the State Normal School, Framingham. Miss Sturtevant is a graduate of Mount Holyoke College. She specialized for two years in the field of household arts at Simmons College. She taught in the public schools of Plymouth for three years. At the time of her appointment she was city leader in the emergency food work at New Bedford.

On Sept. 1, 1919, John J. Mahoney was granted a leave of absence from his duties as principal of the State Normal School at Lowell and appointed Supervisor of Americanization in the Division of University Extension. Mr. Mahoney has been studying the problem of immigrant education since his appointment in 1905 as director of the evening schools in the city of Lawrence. In 1912, when he was appointed assistant superintendent of schools in Cambridge, he was given charge of immigrant education in that city. As principal of the State Normal School at Lowell he conducted one of the first training classes for teachers of immigrants ever given in this country. He is one of the collaborators retained by the Carnegie Corporation to contribute a volume on the "Schooling of the Immigrant."

Miss Mary L. Guyton was appointed assistant to the Supervisor of Americanization on Sept. 24, 1919. Miss Guyton is a graduate of the State Normal School at Lowell, and has taught in the public schools of Ayer, Revere, Malden and Somerville. During the past year she conducted classes in Americanization for the Women's Municipal League of Boston, and supervised the Americanization work in the evening schools of Malden.

### THE LAWRENCE PLAN FOR EDUCATION IN CITIZENSHIP.

The Lawrence plan for education in citizenship was set up in the Oliver School, Lawrence, in September, 1918, under the joint direction of the State Normal School at Lowell, the school department of Lawrence, and the National Security League. The Oliver School is an elementary school, with about 1,400 pupils and 40 teachers. The purpose of the plan, as applied to this school, was to find out, through experimentation, what changes should be made in the subject-matter, the teaching practices, and the general conduct of elementary schools to enable those schools to engage more directly and more purposefully in their most fundamental task, the making of good citizens in our American democracy. In the development of this experiment the Lowell Normal School contributed for two years the services of two supervisors, who worked in Lawrence on part time. For one year (1918-19) the National Security League furnished the funds for this extension of normal school instruction, since no money was available for this purpose in the school's budget. During 1919-20 this subsidy was taken over and furnished by the Massachusetts Security League.

The aims, contract, and method of the so-called Lawrence plan have been fully discussed in an outline prepared by the teachers and administrative officers in charge. The statement of the plan was prepared at the suggestion of the Department of Education, in the belief that it might eventually be printed as a bulletin which would make information concerning this interesting educational experiment more widely and readily available to school authorities.

The following extracts from the statement prepared will give a general idea as to the method and purpose of the plan:—

### CHANGES IN THE CONTENT OF THE COURSE OF STUDY.

If children are to be educated in American citizenship, those subjects should be stressed which emphasize in the highest degree the principles of Americanism. In all school subjects American values must be emphasized, and in so far as is practicable material must be accepted or rejected according to its worth in cultivating the qualities of American citizenship. In drafting a course of study it becomes necessary to think,

not in terms of school subjects and of knowledge to be gleaned from school textbooks, but in terms of the life experiences of the pupils. It is especially important that the work in civics and history be vitalized and Americanized because these subjects provide a direct and practical education in American democracy. The following extracts point out how these ideas are applied in the teaching of civics and history.

#### A. THE NEW INSTRUCTION IN CIVICS.

The course of study in civics in the Oliver School is based on the following principles:—

1. Education in citizenship should be continuous and cumulative throughout the child's entire school life.

2. The study of civics should lead the child to understand that his best preparation for adult citizenship lies in exercising aright his present citizenship, limited though it be. Realizing this he becomes eager to find out what his community does for him, and how he can become a helpful member of it. He becomes conscious of our common needs. He sees how citizens co-operate by means of the government to satisfy these needs. He knows that every right he enjoys carries with it a corresponding duty.

3. The study of civics should give pupils the answer to these questions: What is Americanism? What is democracy? Under the guidance of the Oliver School teachers the pupils apply the elements of democratic living to their everyday life. In this way the children actually relate the abstract idea of democracy to the concrete situation in which they are living.

4. The resultant should be found, not in information, but in the gradual upbuilding of right civic habits, attitudes, and ideals. For, as the pupils continue to study community problems and to participate in school and community activities, there should be developed those qualities of good citizenship which our American democracy most needs, *i.e.*, a vital concern for the common welfare, the will to do, sound judgment, and a sense of fair play.

This type of civics education is a process of growth, a mode of life. It is character building. Accordingly, the test of the course lies in the translation of civic instruction into civic action. It should be noted that children of native parentage need this kind of education in citizenship quite as much as do those children of immigrant stock.

The course in civics consists of a group of projects for each grade. While the course is flexible, allowing much freedom for worth-while projects of the pupils' own choosing, certain projects of outstanding community interest have been found by actual experience well suited to the needs and interests of particular grades. These projects may be considered the constants of the course.

In the first six grades problems of the child's own community life provide useful material. Since these problems are based on the child's own observation and experience, they arouse in him a keen interest which leads him to undertake their solution with enthusiasm. Together with

other members of his group he plans how he can best work out his problem. This leads him to engage in many activities.

Every civic project is a combination of problem study and activity. The following illustration shows how naturally a worth-while project may arise in any classroom situation if the teacher is on the outlook for "leads."

#### *Naturalization Project.*

While a sixth grade class was holding a discussion on the subject of public education a pupil asked this question: "How are the school committee men of Lawrence chosen?" Another pupil replied that the citizens elect these officials. Further discussion developed the fact that many of their parents could not vote for these men because they were not citizens. The children were aroused, for this struck home. Spontaneously such questions as the following were asked: "Who is a citizen?" "May any man become a citizen?" "Am I a citizen, even though my father is not?" "What does a man have to do to become a citizen?" As no one could answer these questions, the children decided to investigate and solve the problem.

From all available sources the children eagerly sought the desired information. They visited the naturalization court and talked with the interested officers, who gave them much valuable material. They questioned the principal of the school who formerly taught naturalization classes. They went to the library. They used books and pamphlets which the teacher had at hand. Finally, having gathered their data, they discussed these in several class periods, until all those children were satisfied that they knew just who are citizens, who may become citizens, and just what steps one must take in order to become a naturalized citizen.

A canvass of the class showed that twenty-four fathers and four brothers were not citizens. These children then determined to use all their influence to persuade these relatives to become American citizens.

At this point the class was invited to present its project to the seventh and eighth grade pupils in their league assembly. Accordingly, a committee of five was chosen by the class to do this work. The president of the league turned the meeting over to the chairman of the committee, who presented the problem. He then introduced in turn the members of his committee, each of whom spoke on some phase of the question. The last speaker told "what we are going to do about it."

During the spirited discussion which followed the committee report, many questions were asked from the floor by members of the league, but the young citizens of the sixth grade were equal to the occasion, for they were fully informed. The climax was reached when a tiny sixth grade girl arose and announced with great satisfaction that she had given her brother no peace at home until he had taken out his declaration of intention.

Returning to the chair, the president of the league, after thanking the committee, made a short, stirring appeal to the league in which he declared

that seventh and eighth grade pupils could never allow sixth-graders to outdo them in good citizenship. So, with great earnestness and in a most naïve fashion, the league voted unanimously to leave nothing undone in their efforts to persuade their alien fathers and other relatives to become good American citizens.

That the children took this task upon themselves in all seriousness no one present could doubt. From time to time reports of progress were made in the assemblies. Before school closed in June that particular sixth grade reported that eleven fathers had already taken out their first papers.

This story is told to point out two things: first, that instruction in citizenship is worth while only when it is translated into right civic action on the part of the children; and second, that this project is a vital one to the children, for they realize that their people are neither sharing in all the benefits of citizenship, nor are they bearing all their responsibilities. The children themselves set this problem. They gathered the material, brought it to class, discussed it, organized it, and found the solution, which they promptly applied in their determination to enter upon a campaign of naturalizing their fathers and brothers. The teacher simply gave them opportunity to digress from the regular work, and guided them in their investigations and class discussions.

In grade 7 the pupils gain a larger conception of organized society through a more systematic and comprehensive study of community and national problems, such as public health, protection of life and property, public education, public recreation, civic beauty, care of defectives and dependents, transportation and communication, etc. The pupils now observe how city, State, and national governments co-operate in solving these problems.

In grade 8 the aim is to develop in an elementary way an understanding and appreciation of the present social, industrial, and political problems of our American democracy. History and civics merge into one course in this grade. The following problems have been investigated during the year just past:—

1. The high cost of living. Causes were traced and remedies suggested.
2. The need of personal and national thrift.
3. Problems of labor and industry. The present industrial unrest was studied from the standpoint of the rights and duties of both capital and labor.
4. Bolshevism. The menace of Bolshevism in Lawrence, the United States, and Europe was studied. Its destructive principles were contrasted with the constructive principles of American democracy.
5. Problem of immigration and Americanization. Through this study the pupils realize that America is the land of opportunity for men of all races, and appreciate not only the advantages, but also the obligations of American citizenship. This message they carry into their homes where they work with great earnestness to persuade their parents and friends to learn English.

6. Other problems. Studies have been made of the prohibition amendment, the movement for suffrage, the Senate's struggle with the Peace Treaty, etc.

It is not claimed that these boys and girls can find the answer to problems which the best minds in America have not yet been able to solve, but it is true that, through their study of civics and history, they have become keenly alive to the dangers threatening our democracy. They realize that in a few years they will be called upon to help solve these problems or others like them. They have come to understand, through the constant application of the fundamental principles of American democracy to the solution of present problems, that all future problems of American democracy and of world democracy alike will eventually be solved in the same way.

*Translating Civic Instruction into Civic Action.*

The following list includes various activities in grades 4 to 8 during 1919-20: —

ACTIVITIES PERTAINING TO PERSONAL HEALTH, AND HEALTH IN THE HOME AND  
IN THE COMMUNITY.

Daily inspection by pupil housekeepers of hair, hands, teeth, nails, clothing.

Cleanliness graphs posted in rooms; reports given in assemblies.

Buying toothbrushes, nail files, fine combs, shoe polish; toothbrush brigades.

Bath charts to encourage more frequent bathing.

Taking shower baths in basement made a privilege rather than a punishment.

Letters to board of health for health rules — care of milk, care of babies, sanitation, etc.

Language compositions and poems on health; blackboard slogans.

Writing and acting simple health plays in assemblies.

Planning and making of health posters and booklets by groups of children for health campaign.

Many pupils in purchasing Christmas gifts chose those things that would assist in cleanliness: toothbrushes, paste, combs, manicure sets.

Debate: Do boys do more than girls in promoting cleanliness?

CLEANLINESS AND ORDERLINESS IN THE SCHOOL.

Inspection of desks, corridors, basements by pupil housekeepers.

Dusting rooms, decorating rooms.

Arrangement of window shades; ventilation and temperature of rooms.

CLEANLINESS AND ORDERLINESS IN THE COMMUNITY.

Making of "good citizen" sticks for use in clean-up campaign.

Campaign for clean homes, yards, alleys, and streets.

"Keep off the grass" signs made by community committee as warning to passers-by.

ACTIVITIES REPORTED BY CHILDREN AS HAVING BEEN CARRIED ON AT HOME.

Ventilation of bedrooms; sleeping with open windows.

Cleaning of cellars, closets, garbage cans, ice chests, pantries, sinks, sidewalks, etc.

Setting traps for rats and mice.

Teaching younger brothers and sisters to keep clean and play fair.

Placing printed cards over kitchen sinks — health and cleanliness reminders.

Individual placards made and placed up at home; *e.g.*, "Clean your teeth."

Frequent baths, drinking water freely, chewing food carefully, change of clothing, washing, ironing, mending, and pressing clothes.

Home gardens planned, and seeds bought.

#### FIRST-HAND INVESTIGATIONS OF COMMUNITY ACTIVITIES.

Committees investigated and reported on problems connected with the following: fire station, police station, Hood's milk depot, ventilation in Oliver School and in two theatres, board of health office, cold-storage plant, locks and canals, newspapers, book bindery, milk dairy, grocery store, market, bakery, paper mill, foundry, shoe factory, Goodyear Shufix, city hall, post office, woolen and cotton mills, court house, assessors' office.

Material written for and brought in, — documents, reports, pamphlets, clippings, magazines, pictures, etc.

#### \* SERVICE RENDERED.

Purchased pencil sharpeners for schoolrooms.

Bought Thrift and War Savings Stamps.

Contributed to "a gift for France."

Bought plants and flowers for room decoration.

Prevented cruelty to animals.

Sold Red Cross Christmas Seals.

Older children (playing policeman) aided little children in crossing street in safety.

Safety signs printed by seventh grade pupils for primary grades.

Planted memorial trees and decorated graves of soldiers and sailors for Memorial Day.

Sent notes of consolation to sick friends.

Sent flowers, fruit, ice cream, vegetables to sick and poor people.

Prepared Christmas box, doll house, and toys for orphans; dolls, scrapbooks, quilts for children in hospital.

Taught English to parents at home evenings.

Persuaded pupil who was about to go to work to remain in school.

#### ACTIVITIES SHOWING GROUP CO-OPERATION.

Dramatization of safety-first rules, courtesy rules, doctor's visit, reading and history lessons.

All grades united in a pageant of nations called "The Victory Festival."

Many plays planned, coached, costumed, and acted by many different groups in many different rooms and in assemblies. These plays were based on the work in literature, history, civics, geography, etc.

Russian dance taught to eight pupils by another pupil for assembly.

#### SCHOOL ACTIVITIES OF A SOCIAL NATURE.

Smile Club, a campaign for clean teeth.

Bands of Mercy formed.

One room had the so-called morning "circle," at which time the children were free to talk about whatever interested them the most. At the time of the industrial strike in Lawrence the teacher gained many interesting sidelights, and was enabled to correct some wrong ideas.

Collection and sale of old newspapers — money spent on beautifying the room.

League for Patriotic Service.

School orchestra played at entertainments.

Democracy Club for debates.

Thrift Club; each member has a bank account.

Newspaper.



## B. HISTORY.

1. *The New Objective.* — Like civics, history gives a direct training in democracy when taught for its American values. What, then, must be the new objective in teaching history from this viewpoint?

(a) The study of history should "make every American boy and girl believe and understand the worth of being free." Incidental to this it should also make them understand and appreciate the hardships and the sacrifices of our forefathers in founding this democracy; the price we have paid and are paying for liberty; and the future sacrifices which will be necessary to keep what we have won.

(b) Every child should understand and appreciate the common man's struggles and his achievements in the social and industrial world through discovery and invention.

(c) Through his study of history the pupil should come to know the successes and the mistakes of the past. He should realize that, great as our democracy is to-day, it has its faults. Finally, he must know that it is his future duty to hold steadfastly to its blessings, and work unceasingly to strengthen its weaknesses.

(d) America's interests are now world interests. Accordingly the pupil's study of history should lead to a more sympathetic and intelligent understanding of those European conditions, past and present, which influence our own American people.

(e) History should be taught for its citizenship values, not merely for its facts. We must use facts — the raw materials of history — to show the relationships between the past and present. We must select and organize, from the great mass of historical facts, those which interpret the present and thus help us in the solution of to-day's problems. This means that facts, as facts, are no longer memorized, and that many dates and other useless information are discarded.

2. *The New Approach.* — The true starting point of history is always some present situation with its social, economic, or political problem. It will be necessary to go back into the past in order to see how the present came to be, and, in this way, get some insight as to how the problem may be solved in the future.

When history is taught with this objective and from this approach, the pupil develops qualities which will aid him to play his part worthily as an American citizen. He has a love and loyalty for America which expresses itself in unselfish service. Through the solving of history problems he develops co-operation and responsibility by contributing his share of the class discussion. By constantly weighing values he grows in power to think clearly and independently. This means that history is studied from the project point of view.

3. *Plan of the Course.* — Upon the principles given above, the course of study for the Oliver School is organized. It includes three parts: Part I deals with the present and past problems of the American people; Part II is largely biographical, and consists of reports and discussions of material

gathered by the class, by a group, or by an individual pupil, through independent reading either in the classroom, at home, or at the library; Part III consists of patriotic poems and prose selections which bring out the emotional appeal. It should be noted that one thread, "the meaning and worth of Liberty," runs through the course and binds all parts into unity.

If this civics and history teaching is a vital force in the lives of these pupils, as it is believed to be, they are learning to give intelligent and voluntary obedience to law and to ideals. They are forming the habit of looking at a question from all sides, of withholding judgment until they have sufficient evidence to justify an opinion, and of realizing that the problem is not necessarily solved even then. They are practicing co-operation and unselfishness in all their activities. May it not be hoped that persistent education of this character will lead them to *live unselfishly* for their country!

#### PUPIL PARTICIPATION IN THE MANAGEMENT OF THE SCHOOL.

The Oliver School is a miniature democracy in which pupils learn to be good citizens by being good citizens. The instrumentality which makes this possible is the Oliver League for Patriotic Service. This is a plan of pupil co-operation which carries with it a real share in the government of the school. This does not mean that the pupils have full control of the school. They are too young to bear such responsibility. But in those matters which directly concern their own conduct and activities, the league is a true democracy, although limited in scope.

The organization of the Oliver League grows out of the needs and the activities of the school. The members elect their officers by ballot in a regular polling place in the basement of the school. Once a week civic business meetings are held in all the rooms. Ways of bettering "our room" and "our school" are proposed, discussed, and voted upon. Then there are department meetings, when the head housekeeper or the traffic chairman calls a meeting of room officers to discuss problems of their respective departments. At the council meetings the executive council, composed of the chairmen of these committees, the president and the secretary of the league, determines general policies and settles problems brought up from the room units by the department chairmen.

The most important affairs, however, are the league meetings. The council submits important questions to the vote of all members assembled in a general league meeting. When rules regulating their own conduct are made by the students themselves, they become active participants in their school life, subordinating their own selfish interest to the common good. In this way they learn that democracy is intelligent self-direction and self-control. They realize that the right to make their laws is balanced by the corresponding duty to obey them. Furthermore, they see that a citizen who breaks a rule injures the whole group. Thus an effective public opinion is gradually built up.

## CHANGES IN METHOD.

The school that prepares for life must use the same methods of work as are commonly used in life, and the teachers who undertake the task of making efficient and worthy citizens of a democracy must themselves be serious students of the social situation of which the school is a part. They need to study how successful people work, how they feel toward their work, what motives lead them on, and what rewards are most satisfying to them.

Men and women who do the constructive, progressive work of the world do it largely by means of projects. They want to accomplish some concrete unit, or work for themselves or for the community. They have a definite purpose; they plan their procedure; they carry out their plans with necessary changes; and they themselves know in what degree they have succeeded in doing the thing they started out to do. In whatever way they succeed or fail they look for the reason in their method or work, and they profit by it in the next project of work that they undertake.

The carrying on of projects in the Oliver School has given the children a new way of working of which they are conscious. These projects arise from the needs of the school and the community, from children's individual needs and curiosities, and class discussions.

The carrying on of projects is education in citizenship because children are constantly called upon to exercise those qualities that democracy demands. They must co-operate with the members of their group. They must be personally responsible; they must think straight; they must be able to reach conclusions and express opinions and to use correct methods of work. These are some of the qualities that citizens for democracy need, and which the school must establish.

## THE SOCIALIZED RECITATION AS A MEANS OF TEACHING CITIZENSHIP.

The socialized recitation in the Oliver School is the result of a changed classroom spirit and purpose. Where the spirit and purpose have not changed, the socialized recitation has not followed.

The socialized recitation is not a "pupil-teacher" exercise. It is not a form learned by children and used automatically. It is a class procedure in which the social spirit manifests itself among the group that have come together for a common purpose. Whenever possible, the children are seated facing each other, with the teacher taking her place as one of the group, not separate and apart from it.

The period is a co-operative effort to accomplish a purpose for which all feel responsible. The accomplishment of this purpose sets the standard of conduct. They need to exercise self-control, initiative, personal responsibility, and co-operation, just as does any social group. This is education in citizenship.

## THE NEW BASIS FOR RATING CHILDREN.

The new purpose and spirit of the school make impossible the use of the old rating card which presented in the stereotyped terms of excellent, good, fair, poor, is the teacher's estimate of the pupil's conduct and of his success in memorizing facts from the textbook. The school believes that the report card has a wider function; that it should recognize in an emphatic manner the stress which has been placed on the training of those qualities which go to the making of character; that it should emphasize the importance of the pupils' civic attitudes; and that on these matters it should express the judgment of their social equals, together with that of their teachers. In addition, it should be the means of informing parents of the ways that are being used to make young people conscious of their citizenship, thus producing in the home a sympathetic understanding of the efforts of both teachers and children.

### TEACHERS' SALARIES.

It is evident that one of the most serious problems confronting school officials at the present time is that of securing an adequate number of well-qualified teachers. Having found the salaries inadequate to meet the increased cost of living, many teachers have recently found it necessary to seek other employments; and the new opportunities opened to young men and women in commercial and industrial work at attractive wages, and requiring little, if any, special training, have turned aside many from considering preparation for teaching as a life work.

With a view to assisting the towns and cities of Massachusetts in meeting this emergency, Governor Coolidge appointed a special commission to make a study of teachers' salaries and to report to him with recommendations. This commission was composed of Payson Smith, Boston; Mary McSkimmon, Brookline; James H. Van Sickle, Springfield; Arthur N. Holcombe, Cambridge; James E. McConnell, Boston; and Albert H. Inman, Worcester. The findings and conclusions of the commission are briefly stated as follows:—

I. In contrast to the experience of many States, very few schools in Massachusetts have been closed as a result of the teacher shortage. Although nearly 1,800 teachers left the public schools of Massachusetts during 1919, over one-third of whom left to teach in other States or to enter other employments, yet in the face of this large loss of teachers and the increasing difficulty experienced by school officials in securing new teachers, a sufficient number were recruited during 1919 to fill the vacancies and to supply about 300 new teaching positions. Furthermore, the scholastic training of these teachers newly employed was in no respect inferior to that of the teachers previously in service. (Tables I, II, and III, pages 32 to 34.)

II. The success of Massachusetts in maintaining the quality of its teaching force has been due in part to the substantial increases in teachers' salaries that have been recently made. From the school year 1910-11, to Jan. 1, 1920, the average

salary of the elementary school teacher increased 85.1 per cent, and that of the high school teacher, 50.7 per cent. (Table IV, page 35.) Although this increase was not equivalent to the increase in the cost of living, it was, nevertheless, very decided, and the commission was much gratified to learn of the excellent response made by a large proportion of the local communities to the urgent need for larger compensation to teachers.

III. Although Massachusetts has been thus far successful in supplying her schools with teachers, the commission was disturbed to find that the teacher-training institutions of the State provided less than half the new teachers employed during 1919. Only 27.5 per cent came from the State normal schools and 20 per cent from colleges and other schools in Massachusetts. About 30 per cent came from teaching positions in other States, and 17 per cent came from other employments than teaching. During that year we drew from other States about twice as many teachers as we lost to other States. Since 1917 the enrollment of the State normal schools decreased 37 per cent in the number of men, and 27 per cent in the number of women. The proportion of students graduating from colleges in Massachusetts who plan to teach in this State is disappointing.

In view of this situation the commission recommends that concerted action be taken by school authorities to encourage promising young men and women to consider teaching as a vocation. The large field for service in the teaching profession, the rapidly increasing salaries, and the opportunities to secure a liberal and technical education at the State normal schools at a minimum cost merit the careful consideration of every worthy young person who is facing the choice of a life work.

IV. Another condition calling for remedy is the deficiency of qualified teachers in the small towns of the State. The commission's inquiries revealed a marked contrast between the qualifications of the teachers in the rural schools and in the urban schools. This contrast presents no new problem in Massachusetts, but new attention has been given to certain of its aspects. Rating as trained teachers those who have graduated from college, normal school, or city training school, 36 per cent of all teachers in the 125 towns of Group IV are untrained, as against

20 per cent in Group III, 14 per cent in Group II, and 12 per cent in Group I.<sup>1</sup> (Table V, page 36.)

In respect to teaching experience, also, the commission finds a marked contrast between the teachers in the rural and those in the urban communities. Of the teachers in Group IV, 26 per cent had less than one year of teaching experience prior to Sept. 1, 1919, as against 18 per cent in Group III, 6 per cent in Group II, and 3 per cent in Group I. (Table VI, page 36.)

Furthermore, the commission is convinced that the schools in the small towns sustain a serious loss through the excessive change in the personnel of the teaching force. During 1919 the rate of change in the teaching staff of the towns in Group IV was over four times that occurring in the cities, and twice that occurring in the large towns. (Table VII, page 37.)

These facts indicate that the rural schools are serving as training stations for the teachers in urban communities. The commission ascribes this situation mainly to the relatively low salaries paid in the smaller towns. The average salary of women teachers in towns of Group IV was found to be \$761.54, as contrasted with \$1,349.84 in the cities. (Table VIII, page 37.) After due allowance is made for the greater cost of living in the larger towns and cities, it is evident that the salaries of city teachers are worth nearly twice those of rural teachers.

As one aid in meeting this situation, the commission recommends the enactment of such legislation as will further help to eliminate the low salaries still paid in many small towns. It is specifically recommended that a minimum annual salary of not less than \$800 be established, and that the State reimbursements made under the provisions of chapter 363 of the General Acts of 1919 be based upon minimum salaries of \$800, \$900, and \$1,000, instead of the present minimum salaries of \$650, \$750, and \$850, respectively. Although the aforesaid act has not been in effect a sufficient length of time to show its full benefits, the commission is convinced that it is already operating in a helpful way, particularly to the rural towns of low valuation. (Table IX, page 38.)

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<sup>1</sup> The cities and towns of the State are grouped as follows: —

Group I, 38 cities.

Group II, 75 towns of 5,000 population or over.

Group III, 117 towns of less than 5,000 population having high schools.

Group IV, 124 towns of less than 5,000 population not having high schools.

V. Owing to the unsettled situation and the conditions to be found among the local communities of the State, it was found to be impracticable to recommend a specific salary schedule. In general, however, the commission is convinced that salaries in Massachusetts should continue to increase so as to accomplish the following purposes: "first, to attract into the teaching profession capable young men and women in sufficient numbers to supply all vacancies with well-qualified teachers; second, to retain efficient teachers now in service; third, to guarantee that communities of low valuation as well as those of high valuation shall be able to secure and retain well-qualified teachers; and fourth, to enable all teachers to provide from salary earnings the necessities of life, savings and insurance against disability and old age, as well as to make those investments that result in continued growth in professional efficiency."

TABLE I. *Number of teachers who terminated their employment in Massachusetts schools during 1919, classified as to reasons for leaving.*

	STATE.		GROUP I. <sup>1</sup>		GROUP II. <sup>1</sup>		GROUP III. <sup>1</sup>		GROUP IV. <sup>1</sup>	
	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.
Total number of teachers leaving.	1,772	100	809	100	292	100	300	100	171	100
1. Because of marriage, .	644	36.3	360	44.5	163	33.1	80	26.7	41	24.0
2. In order to teach in other States.	309	17.4	109	13.5	108	21.9	63	21.0	29	17.0
3. In order to enter other employment than teaching.	355	20.1	120	14.9	93	19.0	91	30.3	51	29.8
4. In order to retire from active service.	179	10.1	70	8.6	64	13.0	29	9.7	16	9.3
5. Because of disability, .	124	7.0	70	8.6	32	6.5	13	4.3	9	5.3
6. Because of death, . .	71	4.0	55	6.8	12	2.4	2	.7	2	1.2
7. Unclassified, . . .	90	5.1	25	3.1	20	4.1	22	7.3	23	13.4

<sup>1</sup> The cities and towns of the State are grouped as follows: —

Group I, 38 cities.

Group II, 75 towns of 5,000 population or over.

Group III, 117 towns of less than 5,000 population having high schools.

Group IV, 124 towns of less than 5,000 population not having high schools.



TABLE II. — *Number of teachers newly employed in the schools of Massachusetts during 1919, classified as to source.*

	STATE.		GROUP I.		GROUP II.		GROUP III.		GROUP IV.	
	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.
Total number of teachers newly employed.	2,070	100	732	100	545	100	512	100	281	100
1. Coming directly from attendance at schools in Massachusetts (normal schools, 569; colleges and other schools, 402).	971	46.9	338	46.2	198	36.3	278	54.3	157	55.9
2. Coming from teaching positions in other States.	604	29.2	268	36.6	187	34.3	100	19.5	49	17.4
3. Coming directly from attendance at schools in other States.	60	2.9	8	1.1	26	4.8	22	4.3	4	1.4
4. Coming from other employments than teaching.	354	17.1	96	13.1	120	22.0	76	14.9	62	22.1
5. Unclassified, . . . . .	81	3.9	22	3.0	14	2.6	36	7.0	9	3.2

TABLE III. — *Educational qualifications of teachers in Massachusetts, 1874-75 to 1920.*

YEAR.	Number of teaching positions.	GRADUATES OF COLLEGE.		GRADUATES OF NORMAL SCHOOL.		GRADUATES OF BOTH COLLEGE AND NORMAL SCHOOL.		GRADUATES OF COLLEGE, NORMAL SCHOOL, OR BOTH.	
		Number.	Per cent of teaching positions.	Number.	Per cent of teaching positions.	Number.	Per cent of teaching positions.	Number.	Per cent of teaching positions.
1874-75,	9,216	-	-	1,792	19.4	-	-	1,792	19.4
1884-85,	8,177	-	-	2,392	29.3	-	-	2,392	29.3
1894-95,	10,409	664	6.3	3,734	36.0	-	-	4,398	42.3
1904-05,	13,849	1,901	13.7	6,585	47.5	-	-	8,486	61.3
1913-14,	17,380	2,783	16.0	9,612	55.3	-	-	12,395	71.3
Jan. 1, 1918,	15,512 <sup>1</sup>	2,678	17.2	10,332 <sup>2</sup>	66.6	170	1.1	13,280	84.9
Jan. 1, 1919,	15,626 <sup>1</sup>	2,574	16.5	10,652 <sup>3</sup>	68.2	145	.9	13,371	85.6
Jan. 1, 1920,	19,353	3,051	15.8	13,369 <sup>4</sup>	69.1	189	1.0	16,609	85.9

<sup>1</sup> No classification of Boston teachers with reference to educational qualifications was made for 1918 or 1919. For those years, therefore, statistics for Boston teachers have been necessarily omitted from this and succeeding columns of the table. Of the 3,224 teachers of Boston, on Jan. 1, 1920, 68, or 2.1 per cent, were graduates of both college and normal school; 366, or 11.3 per cent, were graduates of college; 2,354, or 72.8 per cent, were graduates of normal school or city training school.

<sup>2</sup> Includes 1,438 graduates of city training schools.

<sup>3</sup> Includes 1,508 graduates of city training schools.

<sup>4</sup> Includes 1,781 graduates of city training schools.

TABLE IV. — *Average salaries of teachers in Massachusetts schools, 1910-11, 1915-16, and Jan. 1, 1920, showing percentile increases.*

[Salaries of directors and teachers of special subjects not included.]

*Elementary Schools.*

	Average salary, 1910-11.	Average salary, 1915-16.	Per cent increase, 1915-16 over 1910-11.	Average salary, Jan. 1, 1920.	Per cent increase, Jan. 1, 1920, over 1915-16.	Per cent increase, Jan. 1, 1920, over 1910-11.
State, . . . . .	\$668 72	\$760 33	13.7	\$1,237 83	62.8	85.1
Group I, . . . . .	752 63	860 06	14.3	1,397 53	62.5	85.7
Group II, . . . . .	551 18	647 55	17.5	1,022 61	57.9	85.5
Group III, . . . . .	426 56	484 91	13.7	825 51	70.2	93.5
Group IV, . . . . .	399 62	454 81	13.8	768 69	69.0	92.3

*High Schools.*

State, . . . . .	\$1,125 00	\$1,164 67	3.5	\$1,695 48	45.6	50.7
Group I, . . . . .	1,284 68	1,317 88	2.6	1,936 13	46.9	50.7
Group II, . . . . .	907 29	960 44	5.9	1,372 93	42.9	51.3
Group III, . . . . .	723 26	799 43	10.5	1,153 43	44.3	59.4
Group IV, . . . . .	—	—	—	—	—	—

*Elementary and High Schools.*

State, . . . . .	\$743 91	\$837 35	12.6	\$1,326 93	58.5	78.4
Group I, . . . . .	836 37	944 54	12.9	1,497 92	58.6	79.1
Group II, . . . . .	621 30	718 26	15.6	1,103 33	53.6	77.6
Group III, . . . . .	495 78	563 82	13.7	913 29	62.0	84.2
Group IV, . . . . .	399 62	454 81	13.8	768 69	69.0	92.4

TABLE V. — *Educational qualifications of teachers Jan. 1, 1920 (all teachers included).*

GRADUATES OF —	STATE.		GROUP I.		GROUP II.		GROUP III.		GROUP IV.	
	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.
1. College and normal school.	189	1.0	139	1.1	32	.8	18	1.0	—	—
2. College, . . .	3,051	15.8	1,889	14.8	759	18.9	387	21.9	16	1.9
3. Normal school, . .	11,588	59.9	7,777	61.1	2,375	59.2	945	53.5	491	58.5
4. City training school, .	1,781	9.2	1,403	11.0	285	7.1	61	3.5	32	3.8
5. Secondary school only, .	2,560	13.2	1,405	11.0	532	13.3	337	19.0	286	34.0
6. Not graduates of secondary school.	184	.9	124	1.0	26	.7	19	1.1	15	1.8
Totals, . . .	19,353	100.0	12,737	100.0	4,009	100.0	1,767	100.0	840	100.0

TABLE VI. — *Experience of teachers, prior to Sept. 1, 1919 (all teachers included).*

[Figures in bold face indicate the median group.]

YEARS OF EXPERIENCE.	STATE.		GROUP I.		GROUP II.		GROUP III.		GROUP IV.	
	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.
1. None, . . . . .	755	3.9	151	1.2	165	4.1	266	15.1	173	20.6
2. Less than one year, .	331	1.7	176	1.4	65	1.6	43	2.4	47	5.6
3. One year and less than two.	1,057	5.5	417	3.3	284	7.1	248	14.1	108	12.8
4. Two years and less than three.	1,139	5.9	545	4.3	314	7.8	192	10.9	88	10.5
5. Three years and less than four.	1,040	5.4	558	4.4	284	7.1	<b>141</b>	8.0	<b>57</b>	6.8
6. Four years and less than five.	1,016	5.2	636	4.9	237	5.9	95	5.4	48	5.7
7. Five years and less than six.	1,775	9.2	1,146	9.0	420	10.5	138	7.8	71	8.5
8. Seven years and less than ten.	2,150	11.1	1,456	11.4	<b>471</b>	11.7	156	8.8	67	8.0
9. Ten years and less than fifteen.	<b>2,750</b>	14.2	<b>1,988</b>	15.6	523	13.1	168	9.5	71	8.5
10. Fifteen years and less than twenty.	2,324	12.0	1,749	13.7	434	10.9	95	5.4	46	5.5
11. Twenty years and less than twenty-five.	1,740	9.0	1,313	10.3	320	8.0	75	4.2	32	3.8
12. Twenty-five years and less than thirty.	1,347	7.0	1,052	8.3	218	5.4	59	3.3	18	2.1
13. Thirty years and less than forty.	1,494	7.7	1,182	9.3	225	5.6	75	4.2	12	1.4
14. Forty years or more, .	435	2.2	368	2.9	49	1.2	16	.9	2	.2
Totals, . . .	19,353	100.0	12,737	100.0	4,009	100.0	1,767	100.0	840	100.0

TABLE VII. — *Length of service of teachers in town or city where now employed, prior to Sept. 1, 1919 (all teachers included).*

[Figures in bold face indicate the median group.]

YEARS OF SERVICE.	STATE.		GROUP I.		GROUP II.		GROUP III.		GROUP IV.	
	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.
1. None, . . . . .	2,643	13.7	997	7.8	768	19.2	533	30.2	345	41.1
2. Less than one year, .	771	4.0	407	3.2	180	4.5	131	7.4	53	6.3
3. One year and less than two.	1,848	9.5	865	6.8	560	14.0	<b>311</b>	17.6	<b>112</b>	13.3
4. Two years and less than three.	1,227	6.4	655	5.1	340	8.5	155	8.8	77	9.2
5. Three years and less than four.	1,092	5.7	703	5.5	<b>236</b>	5.9	103	5.8	50	5.9
6. Four years and less than five.	956	4.9	662	5.2	183	4.6	69	3.9	42	5.0
7. Five years and less than six.	<b>1,656</b>	8.6	1,181	9.3	340	8.5	89	5.2	46	5.5
8. Seven years and less than ten.	1,805	9.3	<b>1,366</b>	10.7	317	7.9	96	5.4	26	3.1
9. Ten years and less than fifteen.	2,119	10.9	1,650	13.0	334	8.3	96	5.4	39	4.6
10. Fifteen years and less than twenty.	1,672	8.7	1,350	10.6	252	6.3	46	2.6	24	2.9
11. Twenty years and less than twenty-five.	1,300	6.7	1,033	8.1	207	5.2	45	2.5	15	1.8
12. Twenty-five years and less than thirty.	970	5.0	805	6.3	127	3.1	32	1.8	6	.7
13. Thirty years and less than forty.	994	5.1	809	6.4	133	3.3	48	2.7	4	.5
14. Forty years or more, .	300	1.5	254	2.0	32	.7	13	.7	1	.1
Totals, . . . . .	19,353	100.0	12,737	100.0	4,009	100.0	1,767	100.0	840	100.0

TABLE VIII. — *Average salaries of teachers, Jan. 1, 1920.*

	ELEMENTARY SCHOOLS.		HIGH SCHOOLS.		SPECIAL TEACHERS.		ALL TEACHERS.
	Men.	Women.	Mén.	Women.	Men.	Women.	
State,	\$2,350 49	\$1,199 95	\$2,313 67	\$1,398 98	\$1,907 88	\$1,440 55	\$1,340 25
Group I, . . .	2,631 89	1,349 84	2,509 34	1,602 26	1,990 80	1,554 79	1,430 02
Group II, . . .	1,769 89	1,001 75	1,949 51	1,185 13	1,695 61	1,134 62	1,114 68
Group III, . . .	1,181 25	818 69	1,643 69	979 56	1,511 43	1,009 52	916 80
Group IV, . . .	1,047 14	761 54	—	—	—	850 00	768 78

TABLE IX. — *Showing the amount of State funds received by the several groups of cities and towns from the first annual disbursement under the provisions of chapter 363 of the General Acts of 1919.*

[Disbursement of Nov. 15, 1919, under Part I of aforesaid act for the school year 1918-19; disbursement of March 15, 1920, under Part II for the fiscal year 1919.]

GROUPS OF CITIES AND TOWNS.	Valuation per pupil.	School tax per \$1,000 valuation.	Total reimburse- ment under chapter 363.	Reimburse- ments per \$1,000 valuation.
Group I (38 cities), . . . .	\$9,668 00	\$5 38	\$2,274,948 00	\$0 63
Group II (75 towns), . . . .	6,556 00	6 84	620,263 00	84
Group III (116 towns), . . . .	6,892 00	6 71	305,300 00	1 09
Group IV (125 towns), . . . .	6,091 00	5 77	182,009 00	1 34
State, . . . . .	\$8,710 00	\$5 70	\$3,382,520 00	\$0 71

## HIGH SCHOOLS.

### I. Planning High School Buildings.

The wise solution of the many problems involved in planning a new high school building calls for the combined wisdom of the school committee, the superintendent of schools, the principal of the high school, and the most competent school architect available. The character and effectiveness of the high school education that can be offered by any community for years to come is dependent, to no small degree, upon the efficiency of the building erected. The facilities needed are many and varied but the funds available are limited. Before asking an architect to draw plans, the superintendent and principal should study every phase of the problem. The State department, too, can render no more important service to secondary education in any community than to assist in analyzing the needs and in drawing up a "program" for the building, such as is shown on pages 47 and 48. Each year the Department of Education has worked with a number of superintendents of schools on such programs.

#### BASIC PRINCIPLES IN PLANNING NEW HIGH SCHOOL BUILDINGS.

The following statements may be helpful as indicating a few of the basic principles that should be observed in planning a new high school building: —

##### 1. *Future Development of the School System.*

A high school building should be planned with reference to the future development of the school system. The 6-3-3 plan is rapidly gaining acceptance as the most approved plan of school organization. Consequently, in a community where the junior high school is not yet established, the senior high school should be built only large enough to accommodate the probable growth of the three upper years. A larger senior high school building may retard the establishment of a junior high school.

## 2. *Selection of a Site.*

The site should be ample for all future expansions. The senior high school should become the educational center for the community. Three acres is now regarded as the minimum site for even a small high school, while a medium-sized or large high school should have 10 acres. Some cities are securing even larger sites. The site should be accessible to car lines, but no school should be placed so near to a thoroughfare likely to be occupied by a main car line as to involve excessive noise. The ideal site will provide playgrounds. It will correlate with the recreational agencies of the community to the advantage of both school and community. It will offer opportunity for pageantry, open-air theatre, school festivals, and physical training for the entire school. It will embody the best standards of hygiene, both in the setting of the building and in its environment.

## 3. *Selection of an Architect.*

The practice of selecting an architect for a school building through a competition is now regarded as unwise, because the sketch plans fail to show whether the architect has an adequate knowledge of the many important details of school architecture. Instead, the architect for a high school should be selected on the basis of his study and knowledge of the requirements of a modern high school, and his success in supervising the erection of such a building. *School* architecture is a highly specialized profession.

## 4. *Essential Qualities of the Building itself.*

The following eight qualities may be regarded as essential to any modern high school building: —

- (a) Comprehensiveness.
- (b) Convenience.
- (c) Flexibility.
- (d) Safety.
- (e) Healthfulness.
- (f) Expansiveness.
- (g) Economy and efficiency.
- (h) Æsthetic fitness.



*Comprehensiveness.* — The modern high school should provide for all the educational activities needed by all young people of high school age living within the contributing area. Many new activities are rapidly gaining recognition as essential. It is possible, however, to provide for a rich and varied program if the principles of economy and efficiency, such as those hereafter mentioned, are given thorough study.

*Convenience.* — To secure convenience in a high school building study must be given to the correlation of the rooms, to the arrangement of corridors, and to the location of the office and other administrative features. It may be accepted as a sound principle that the rooms of each department should be contiguous and connecting, and, when possible, on the same floor.

*Flexibility.* — In every high school the number of students pursuing the different types of work varies from year to year. Therefore many of the rooms must be so constructed that they may be used for more than one purpose.

Since it is not possible to foresee the changes that will take place in education, the building must be so constructed that some of the rooms may be changed in size without unnecessary expense. For this reason it is now accepted as standard practice to place ventilating and heating ducts in the partitions along the corridors instead of placing them in the partitions between rooms. The latter partitions are then made non-supporting, and may be removed with the minimum expense.

*Safety.* — The problems of safety have received extensive consideration. Among the important conclusions is the following: the heating plant should, whenever feasible, be placed outside of the main walls of the building. Safety is not the only reason for this conclusion.

*Healthfulness.* — Among the factors contributing to healthfulness are the following: —

(a) *Lighting.* — Unilateral lighting is now accepted as essential in order to safeguard the eyesight of both pupils and teachers. The width of rooms should not be too great. The distance from the window to the farther desk should not be more than one and one-half times the distance from the floor to the top of the windows. The windows should be arranged in batteries with narrow minions.

(b) *Travel.* — Vertical travel should be reduced to a minimum. For this reason buildings, except in the largest cities, should not contain more than three floors devoted to school purposes. In small communities the two-story building is preferable, while in rural communities the advantages of the one-story building should receive careful consideration.

(c) *Lunch.* — Pupils should be seated when eating their lunch. Consequently, the lunch room should be large enough to accommodate all the pupils who will eat at any one time. To encourage pupils to take a longer time at lunch the room should have outside windows and should be made attractive.

(d) *Physical Training.* — The gymnasium should be adequate in size and so lighted and ventilated as to constitute a "hall of health." For this reason the practice of placing the gymnasium in the basement or under an auditorium should be discontinued. The gymnasium should be on the ground floor and extend to the roof, the height being equivalent to one and one-half to two ordinary stories. The provisions for shower baths should be such as to make it possible for every student to use the showers every time after gymnasium exercise.

(e) *Basements.* — The use of the basement for all school purposes should be discontinued. One of the best plans is to place the ground floor at grade, and to have an air chamber extending under the entire ground floor. Thus the ground floor may be kept dry. The use of the basement has come about in part on account of the desire of the architect to reduce the cost per cubic foot of the building. It is, however, false economy when the additional space thus secured is unsuitable for school purposes.

*Expansiveness.* — With the present cost of building materials it is unwise to erect a building at the outset so large as to take care of future growth for more than a moderate number of years. A building should therefore be so planned that enlargements can be made without undue cost. Those facilities that cannot be readily enlarged, such as the auditorium and the administrative offices, should be built at the outset with reference to the ultimate capacity of the school.

Opinion differs as to the wisdom of constructing an auditorium, so far as school purposes are concerned, to seat over 1,000

pupils. A larger auditorium is not desirable for ordinary assemblies. By articulating the gymnasium and auditorium as suggested on page 45, the larger audience on special occasions can be cared for.

*Economy and Efficiency.* — Since the desirable features in a modern high school are almost unlimited, and since the money available is sharply limited, every economy not inconsistent with efficiency should be adopted. The following suggestions are offered: —

(a) *Multiple Uses.* — In so far as every room is used every period, an increase in the variety of rooms involves but little increase in cost. To achieve this result the principle of *multiple uses* must be employed. By the principle of multiple uses is meant the planning of a room in such a way that when it is not needed for the distinctive purpose for which it is primarily designed it may advantageously be used for supplementary purposes. This principle sometimes involves providing a variety of equipment, and sometimes necessitates making the room somewhat larger than it would be if used for only one purpose. In spite, however, of the increased space and varied equipment, a real economy is often secured. The application of the principle of multiple uses is shown in the programs that follow.

(b) *Standard-sized Class.* — On account of the large number of small classes found in most high schools some persons favor the inclusion of a number of small recitation rooms. This practice, however, is open to serious objection because the saving effected in space does not compensate for the loss in teaching efficiency involved in the change in room when the teacher has a small class. Progressive teachers collect and arrange illustrative material for their work, thereby adding greatly to the effectiveness of instruction. This material cannot well be moved from room to room between periods.

On the other hand, the saving effected by adopting as a standard a size not greater than 90 to 95 per cent of the classes instead of 100 per cent of the classes is considerable. A few rooms may then be provided to accommodate classes larger than the standard adopted.

To illustrate: the percentages of classes of various sizes (exclusive of classes in music and physical training) in 240 Massa-

chusetts high schools in 1916-17 were as follows (this included all of the high schools in the State except the fifteen Boston high schools and one small high school. For details as to the size of classes in high schools of different sizes see the eighty-first annual report of the Board of Education, pages 45 to 48):—

SIZE OF CLASS.	Percentage of classes.
1 to 5 pupils, . . . . .	4.6
6 to 10 pupils, . . . . .	10.9
11 to 15 pupils, . . . . .	15.6
16 to 20 pupils, . . . . .	21.5
21 to 25 pupils, . . . . .	20.7
26 to 30 pupils, . . . . .	16.0
31 to 35 pupils, . . . . .	7.6
Over 35 pupils, . . . . .	2.9

From the above figures it appears that the adoption of 30 as the standard number of pupils to be accommodated in a room would be in accord with sound principles of economy and efficiency. In a large school a few rooms could then be provided to accommodate 35 pupils each. Classes of over 35 pupils should not be allowed.

*Æsthetic Fitness.*—Art at its best is perfect adaptation to use. Æsthetic fitness, therefore, is to be achieved by the most thorough adaptation of the building to the purposes for which it is intended. Moreover, the appearance of a building should be such as to dignify in the minds of the community the education conducted within the building. It is for this reason that æsthetic fitness is given as the final or culminating quality in a modern high school building. This fitness is to be secured not by disregarding the purposes which the building is to serve, but by interpreting and symbolizing those purposes.

#### ADVANTAGES OF A JUNIOR-SENIOR BUILDING.

In a small town a single building may well accommodate all pupils above the sixth grade, and such a school may be designated as a six-year high school. In a large town or small city

it is desirable that the junior high school pupils be sufficiently separated from the senior high school pupils to have a school organization and school activities adapted to their special needs. At the same time the education can be made more effective and many economies worked out if the two schools are closely articulated. To meet these conditions a new type of building is being designed and known as a junior-senior high school building. In such a plant each school may have its own principal, with separate administrative offices, or one principal may be in charge of both schools. Certain facilities may be placed in a central building or unit and used in turn or in common by the two schools. The junior and senior schools may be articulated with the central unit, forming one connected building.

#### ARTICULATING ASSEMBLY AND GYMNASIUM.

A most unique, efficient, and economical development in school buildings consists of the articulating auditorium and gymnasium. This plan is now in use in many schools in the country. The city of Peabody is the first city in Massachusetts to adopt this plan. The gymnasium and auditorium are placed on the same general level, both being on the ground floor. The gymnasium is at the rear of the auditorium, and the floor of the gymnasium is a continuation of the floor of the stage of the auditorium. The auditorium has a sloping floor. The gymnasium is separated from the auditorium by a sound-proof arrangement, which in some schools consists of a movable partition and a fire curtain with a four-foot air space between them. When opened up the gymnasium and auditorium can be used in conjunction, as follows:—

(1) A basket ball or other game may be played on the gymnasium floor, a four-inch net stretched between the gymnasium and the auditorium, and the spectators seated in the auditorium.

(2) For dramatics or for community chorus work the gymnasium may be used as an extended stage.

(3) For large audiences the speaker may occupy a rostrum at the rear of the gymnasium and the entire gymnasium and auditorium be used by the audience.

By this arrangement the auditorium need not be constructed larger than is needed for the regular uses of the school itself, but the gymnasium and auditorium may be thrown together for the special occasions when a larger hall is desired.

#### PROGRAM FOR A HIGH SCHOOL BUILDING.

Before the architect is asked to draw plans he should be furnished with a program which will indicate specifically the educational and administrative accommodations to be provided. Such a program should be worked out with great care by the superintendent of schools and the high school principal, and submitted to the school committee for criticism and approval. In constructing this program the analysis of problems contained in the eightieth annual report of the Board of Education, pages 94 to 98, may be suggestive.

The program may well be presented in a tabular form in order to aid careful study as to the balance of the facilities provided, and the economy and efficiency of the building. The following form of table is suggested.

In these tables the column headed "Teachers" is intended to show the portion of time in which a room can be utilized by a teacher at work. The column headed "Home Pupils" shows the number of pupils who can be accommodated in any room as home-room pupils. The column headed "Floor" is filled out for only a part of the rooms, so that the architect may have latitude in planning. The last column, headed "Dimensions," is also left for the use of the architect.

## SAMPLE PROGRAM FOR HIGH SCHOOL BUILDING.

## No. 1.

*Two-story Building (300 pupils, 13 teachers).*

## FOR INSTRUCTIONAL PURPOSES.

Room.	USE.		Chief equipment.	Teachers.	Home pupils.	Floor.	Dimensions.
	Distinctive.	Supplementary.					
1	Shopwork, . . .	- -	Benches, lathes, power machinery.	$\frac{3}{4}$	-	1	
2	Kitchen, . . .	- -	Tables, ranges, . . .	$\frac{1}{2}$	-	1	
3	Sewing, . . .	Recitation, .	Tables, book-lockers, .	1	30	1	
4	Mechanical drawing, .	Recitation, .	Book-lockers, high desks,	1	30	1 or 2	
5	Freehand drawing, .	- -	Stands, book-lockers, .	1	30	1 or 2	
6	Bookkeeping, . . .	Recitation, .	Flat-top desks, . . .	1	40	2	
7	Typewriting, . . .	- -	Tables, . . . . .	$\frac{1}{2}$	-	2	
8	Physics, chemistry, .	Recitation, .	Convertible tables, .	1	-	2	
9	Biology, agriculture, .	Recitation, .	Low tables, . . . .	1	30	1 or 2	
10	Gymnasium, . . .	- -	Apparatus, . . . .	$\frac{1}{2}$	-	1	
11	Auditorium, . . .	Musie, . . .	Opera chairs, . . .	$\frac{1}{4}$	-	1	
12	Library, study hall, .	- -	Desks, tables, . . .	1	-	2	
13	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
14	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
15	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
16	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
17	Classroom, . . .	Recitation, .	Desks, . . . . .	1	35		
	Theoretical totals, .	. . . . .	. . . . .	$14\frac{1}{2}$	315		

The economy secured by the adoption of the principle of multiple uses is clearly shown by the foregoing table. Many communities can and should make more liberal provisions for special activities than are shown by that table.

## SAMPLE PROGRAM FOR HIGH SCHOOL BUILDING.

## No. 2.

*Three-story Building (500 pupils, 20 teachers).*

## FOR INSTRUCTIONAL PURPOSES.

Room.	USE.		Chief equipment.	Teachers.	Home pupils.	Floor.	Dimensions.
	Distinctive.	Supplementary.					
1	Shopwork, . . .	- -	Benches, lathes, power machinery.	1	-	1	
2	Kitchen, . . .	- -	Tables, ranges, . . .	$\frac{3}{4}$	-	1	
3	Sewing, . . .	Recitation, .	Tables, book-lockers, .	1	30	1	
4	Mechanical drawing, .	Recitation, .	High desks, book-lockers,	1	30	1 or 3	
5	Freehand drawing, .	- -	Stands, book-lockers, .	1	-	1 or 3	
6	Bookkeeping, . . .	Recitation, .	Flat-top desks, . . .	1	40	3	
7	Typewriting, . . .	- -	Tables, . . . . .	$\frac{1}{2}$	-	3	
8	Physics, chemistry, .	Recitation, .	Convertible tables, .	1	-	3	
9	Biology, agriculture, .	Recitation, .	Low tables, . . . .	1	30	1 or 3	
10	Science lecture, . . .	Recitation, .	Opera chairs, book-lockers.	1	60	3	
11	Gymnasium, . . .	- -	Apparatus, . . . .	1	-	1	
12	Auditorium, . . .	Music, . . .	Opera chairs, . . . .	$\frac{1}{4}$	-	1	
13	Library, . . .	- -	Tables, . . . . .	1	-	2	
14	Study hall, . . .	- -	Desks, . . . . .	1	75	2	
15	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
16	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
17	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
18	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
19	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
20	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
21	Classroom, . . .	Recitation, .	Desks, . . . . .	1	30		
22	Classroom, . . .	Recitation, .	Desks, . . . . .	1	35		
23	Classroom, . . .	Recitation, .	Desks, . . . . .	1	35		
	Theoretical totals, .	. . . . .	. . . . .	21 $\frac{1}{2}$	545		

Many communities can and should make more liberal provisions for special activities than are shown by the foregoing table.

The above programs are only suggestive. It should be noted that the special rooms are given first, and classrooms



afterward. This plan of computation is in marked contrast with the usual method of calling for a given number of classrooms and computing special rooms as additional rooms. Many of the special rooms can and should be used as home rooms. Classrooms should never be made larger in order to provide home seats. If classrooms are larger than the size of the standard recitation classes, either many seats will be vacant, or, when the building is overcrowded, these seats will be used for study. The space occupied by the extra seats should have been economized and used in study halls. These tables show that one of the chief problems in planning a building is to provide the requisite variety of special rooms, and to provide a sufficient total number of rooms for the work of the school.

### *Articulation of Rooms.*

The correlation of certain facilities is suggested in the following table:—

1. Main office — Principal's office.  
Safe vault.  
Books and supplies.
2. Auditorium — Gymnasium — Dressing rooms.  
Showers.  
Instructors.
3. Library — Study halls.  
Library classroom.  
Librarian's workroom.  
Conference rooms.  
Teachers' study.
4. Lunch room — Lunch kitchen.  
Domestic science — Other home economics rooms.

## **II. Survey of Junior High Schools in 24 Cities and Towns.**

Willard M. Whitman, superintendent of schools in Swampscott, made a study of junior high schools in 24 Massachusetts cities and towns. The tables given below were drafted by him, and give data for the year ending June 30, 1919.

His study included more than one junior high school in Springfield, Somerville, Chelsea and Lynn, and one school in each of the other cities and towns.

In the case of Springfield, separate data are given for two of the six junior high schools maintained by that city, namely, the Buckingham and the Forest Park schools. In the case of Somerville, Chelsea and Lynn the tables attempt to combine the data for the four schools in Somerville, for the three in Chelsea, and for three of the four schools in Lynn, respectively.

These schools are divided into two groups,—the first group containing three-year schools and the second group containing two-year schools.

TABLE 1. — Showing the population of the city or town, the year in which junior high schools were established, years in each division of the school system, buildings used for junior high schools, pupils enrolled, and men and women teachers exclusive of the principal.

INDEX NUMBER.	CITY OR TOWN.	Popu- lation, 1915.	Year estab- lished.	NUMBER OF YEARS IN —			Build- ings used.	ENROLLMENT.				TEACHERS, EXCLUSIVE OF PRINCIPAL.				
				Ele- men- tary school.	Junior high school.	Senior high school.		First year.	Second year.	Third year.	Total.	Men.	Women.	Total.		
<i>Group I.</i>																
1a	Springfield (Buckingham),	102,971	1916	6	3	3	1	—	—	—	643	5	26	31		
1b	Springfield (Forest Park),	102,971	1917	6	3	3	5	1,135	865	687	761	5	28	33		
2	Somerville,	86,854	1914	6	3	3	3	—	—	—	2,687	12	93	105		
3	Chelsea,	43,426	1916	6	3	3	3	715	486	489	1,690	2	50	52		
4	Medford,	30,509	1918	6	3	3	1	255	176	183	614	3	14	17		
5	Saugus,	10,226	1917	6	3	3	1	180	130	103	413	—	8	8		
6	Swampscott,	7,345	1917	6	3	3	2½	138	94	83	315	1	12	13		
7	Maynard,	6,770	1918	6	3	3	1½	—	—	—	240	—	5	5		
8	Warren,	4,268	1916	6	3	3	1	—	—	—	102	1	2	3		
9	Cohasset,	2,800	1913	5	3	4	1½	48	36	60	144	—	4	4		
10	Longmeadow,	1,782	1918	6	3	—	1	48	37	27	112	—	3	3		
11	Sterling,	1,403	1917	7	3	—	1	17	11	3	31	1	1	2		
12	Bolton,	768	1917	6	3	—	1	10	8	8	26	—	2	2		
<i>Group II.</i>																
13	Lynn,	95,803	1917	7	2	4	3	850	850	—	1,700	5	52	57		
14	Brockton,	62,288	1916	6	2	4	1½	—	—	—	1,471	—	47	47		
15	Fitchburg,	39,686	1909	6	2	4	1	—	—	—	225	—	—	—		
16	Plymouth,	12,926	1917	6	2	4	1	—	—	—	378	1	16	17		
17	North Attleborough,	9,398	—	6	2	4	1	110	81	—	191	1	7	8		
18	Amesbury,	8,543	—	6	2	4	1	—	—	—	—	—	5	5		
19	Belmont,	8,081	—	6	2	4	1	152	132	—	284	3	6	9		
20	Andover,	7,978	1917	6	2	4	1	96	93	—	189	—	7	7		
21	Wellesley,	6,439	1907	6	2	4	1	106	92	—	198	4	6	10		
22	Franklin,	6,440	1913	6	2	4	1	110	105	—	215	—	7	7		
23	Essex,	6,272	1914	6	2	4	1	—	—	—	128	1	4	5		
24	Billerica,	3,246	1916	6	2	4	1	—	—	—	140	—	5	5		

TABLE 2. — *Showing experience and training of the teachers, experience of the principal, and persons supervising the instruction.*  
 [X denotes an affirmative reply.]

INDEX NUMBER.	TEACHERS WITH PREVIOUS EXPERIENCE IN —			TEACHERS, GRADUATES OF —			PRINCIPALS.		PREVIOUS EXPERIENCE OF PRINCIPAL.			SUPERVISION OF VARIOUS SECONDARY SCHOOL SUBJECTS.			
	Ele- mentary school.	High school.	Both.	Normal school.	College.	Both.	Men.	Women.	Ele- mentary school.	High school.	Both.	Prin- cipal, jun- ior high school.	Depart- ment head, sen- ior high school.	Prin- cipal, high school.	Super- intend- ent.
<i>Group I.</i>															
1a	32	3	1	24	3	-	1	-	1	1	1	X	X	-	X
1b	25	8	8	17	5	-	1	-	4	1	1	X	X	-	X
2	63	19	12	57	24	1	4	-	3	-	-	X	X	-	-
3	46	6	-	36	7	-	3	-	1	-	-	X	X	-	-
4	13	3	1	16	1	-	1	-	1	-	-	-	-	-	-
5	18	-	1	8	5	-	1	-	1	-	-	-	-	-	-
6	11	2	2	7	1	-	1	-	1	-	-	-	-	-	-
7	5	1	1	4	1	-	1	-	1	-	-	-	-	-	-
8	2	-	-	1	-	-	1	-	1	-	-	-	-	-	-
9	4	-	-	3	1	-	1	-	1	-	-	-	-	-	-
10	2	-	-	1	1	-	1	-	1	-	-	-	-	-	-
11	1	1	-	1	1	-	1	-	1	-	-	-	-	-	-
12	1	-	-	1	1	-	-	-	1	-	-	-	-	-	-
<i>Group II.</i>															
13	55	1	-	40	5	1	2	1	3	-	-	-	X	-	-
14	47	-	-	47	-	-	1	-	1	-	-	-	X	-	-
15	All	-	-	All	-	-	1	-	1	-	-	-	X	-	-
16	5	5	1	6	6	1	1	-	1	-	-	-	-	-	-
17	8	3	3	7	1	1	1	-	1	-	-	-	-	-	-
18	5	-	-	4	1	-	1	-	1	-	-	-	-	-	-
19	9	1	1	7	1	-	1	-	1	-	-	-	-	-	-
20	5	2	-	3	1	-	1	-	1	-	-	-	-	-	-
21	5	-	-	5	1	-	1	-	1	-	-	-	-	-	-
22	5	-	-	7	-	-	1	-	1	-	-	-	-	-	-
23	5	-	-	5	-	-	1	-	1	-	-	-	-	-	-
24	4	2	2	2	3	-	1	-	1	-	-	X	-	-	-

TABLE 3. — *Showing the basis of admission, length of class periods, and number of periods in the weekly schedule, and persons consulted in determining the curriculum to be taken by the pupil.*

[X denotes an affirmative reply; Y and N denote "Yes" and "No," respectively.]

INDEX NUMBER.	BASIS OF ADMISSION.		LENGTH OF PERIODS IN MINUTES.			NUMBER OF PERIODS PER WEEK.			IS ELECTION OF STUDIES PERMITTED?			BY WHOM IS THE CURRICULUM OF A PUPIL DETERMINED?					
	Comple- tion of grade VI.	Physio- logical age.	First year.	Second year.	Third year.	First year.	Second year.	Third year.	First year.	Second year.	Third year.	Pupil.	Par- ent.	Teach- ers.	Prin- cipal.	Super- intend- ent.	No elec- tion.
<i>Group I.</i>																	
1a	X	-	40	40	40	35	35	35	Y	Y	Y	-	X	-	-	-	-
1b	X	-	37	37	37	35	35	35	Y	Y	Y	X	X	-	X	-	-
2	X	-	60	60	60	20	20	20	Y	Y	Y	X	X	-	X	-	-
3	X	-	35	35	35	45	45	45	Y	Y	Y	X	X	-	X	-	-
4	X	-	55	55	55	30	30	30	Y	Y	Y	X	X	-	X	-	-
5	X	-	43	43	43	25	25	25	Y	Y	Y	X	X	-	X	-	-
6	X	X	43	43	43	31	31	31	Y	N	N	X	X	-	X	-	-
7	X	-	60	60	60	25	25	25	N	N	N	X	X	-	X	-	-
8	-	-	-	-	45	-	-	30	N	N	N	Y	-	-	-	-	-
9	X	-	35	35	35	35	35	35	N	Y	Y	-	-	-	-	-	-
10	X	-	30	30	30	36	40	35	Y	Y	Y	-	-	-	-	-	-
11	X	-	40	40	40	30	30	30	-	Y	N	-	-	-	-	-	-
12	X	-	55	55	55	25	25	25	N	N	N	-	-	-	-	-	-
<i>Group II.</i>																	
13	X	-	55	55	-	30	30	-	Y	Y	Y	X	-	-	X	-	X
14	X	-	40	40	-	35	35	-	Y	Y	Y	-	X	-	X	-	-
15	X	-	43	43	-	35	35	-	Y	Y	Y	-	-	-	X	-	X
16	X	-	30	30	-	35	35	-	N	N	N	-	-	-	-	-	-
17	X	-	25	25	-	50	50	-	N	N	N	-	-	-	-	-	-
18	X	-	60	60	-	25	25	-	N	N	N	-	-	-	-	-	-
19	X	-	38	38	-	35	35	-	Y	N	N	-	-	-	X	-	X
20	X	-	40	40	-	35	35	-	N	N	N	-	-	-	X	-	X
21	X	-	30	30	-	45	45	-	N	N	N	-	-	-	-	-	-
22	X	-	40	40	-	35	35	-	Y	Y	Y	X	X	-	X	-	-
23	X	-	45	45	-	30	30	-	Y	Y	Y	-	-	-	-	-	-
24	X	-	43	43	-	35	35	-	Y	Y	Y	-	-	-	X	-	-



TABLE 5. — Showing when the curriculum of a student may be changed, the portion of the periods prescribed, and whether or not the program of studies is organized by curriculums.

[X denotes an affirmative reply; Y and N denote "Yes" and "No," respectively.]

INDEX NUMBER.	HOW OFTEN MAY THE CURRICULUM OF A STUDENT BE CHANGED?			PORTION OF PERIODS PRESCRIBED.			IS THE PROGRAM OF STUDIES ORGANIZED BY CURRICULUMS?		
	Half yearly.	Yearly.	When indi- vidual need requires.	First year.	Second year.	Third year.	First year.	Second year.	Third year.
<i>Group I.</i>									
1a.	.	.	.	X	-	$\frac{5}{4}$	Y	-	-
1b.	.	.	.	X	-	$\frac{4}{6}$	Y	Y	Y
2.	.	.	.	-	X	$1\frac{1}{15}$	Y	Y	Y
3.	.	.	.	-	X	All	Y	Y	Y
4.	.	.	.	-	X	All	Y	Y	Y
5.	.	.	.	-	X	All	Y	Y	Y
6.	.	.	.	-	X	$1\frac{1}{31}$	N	Y	N
7.	.	.	.	-	X	All	Y	-	Y
8.	.	.	.	-	-	-	-	N	-
9.	.	.	.	-	X	All	N	-	-
10.	.	.	.	-	X	$3\frac{7}{40}$	Y	-	-
11.	.	.	.	-	X	All	Y	-	-
12.	.	.	.	-	-	All	N	-	N
<i>Group II.</i>									
13.	.	.	.	X	-	$\frac{4}{6}$	N	N	-
14.	.	.	.	-	X	$2\frac{5}{35}$	Y	Y	-
15.	.	.	.	-	X	$2\frac{5}{35}$	Y	Y	-
16.	.	.	.	-	X	-	N	N	-
17.	.	.	.	-	X	$\frac{5}{4}$	N	N	-
18.	.	.	.	-	X	All	N	N	-
19.	.	.	.	-	X	All	N	N	-
20.	.	.	.	-	X	All	N	N	-
21.	.	.	.	-	X	All	Y	Y	-
22.	.	.	.	-	X	All	Y	Y	-
23.	.	.	.	-	X	All	Y	Y	-
24.	.	.	.	-	X	$\frac{5}{6}$	N	-	-
	.	.	.	-	X	$\frac{5}{6}$	Y	Y	-

TABLE 6. — Showing what curriculums are offered and the years in which they are given.

INDEX NUMBER.		General.	Commercial.	Academic.	Practical arts.	Industrial.	Scientific.	Agricultural.	Normal preparatory.
<i>Group I.</i>									
1a,	.	1, 2, 3	3	3	1, 2, 3	-	-	-	-
1b,	.	1, 2, 3	3	3	1, 2, 3	-	-	-	3
2,	.	1, 2, 3	3	3	-	-	3	-	-
3,	.	1, 2, 3	1, 2, 3	-	-	1, 2, 3	-	-	-
4,	.	1, 2, 3	1, 2, 3	-	1, 2, 3	-	-	-	-
5,	.	1, 2, 3	1, 2, 3	1, 2, 3	-	-	-	-	-
7,	.	-	3	3	-	-	-	-	3
8,	.	3	3	3	-	-	-	-	-
9,	.	-	-	-	-	-	-	-	-
10,	.	-	-	-	-	-	-	-	-
11,	.	-	-	-	-	-	-	-	-
12,	.	-	-	-	-	-	-	-	-
<i>Group II.</i>									
13,	.	-	-	-	-	-	-	-	-
14,	.	-	-	-	-	-	-	-	-
15,	.	-	1, 2	1, 2	1, 2	-	-	-	-
18,	.	-	-	-	-	-	-	-	-
19,	.	-	-	-	-	-	-	-	-
20,	.	-	-	-	-	-	-	-	-
21,	.	-	-	-	-	-	-	-	-
22,	.	-	-	-	-	-	-	-	-
23,	.	-	-	-	-	-	-	-	-
24,	.	-	1, 2	1, 2	-	2	-	-	-

In schools 6 and 16 election is by subject.

In school 17 there is one prescribed curriculum.



TABLE 7. — *Showing whether or not various desirable improvements have been secured through the junior high school organization.*  
 [Y and N denote "Yes" and "No," respectively.]

INDEX NUMBER.	Has there been elimination of unnecessary material in grammar and arithmetic?	Has the "gap" between the grades and the high school been lessened?	Is there evidence of new gap between grade 6 and junior high school?	Have pupils been directed at an earlier age to definite careers in or out of school?	Provision for physical education.	Are students of ability accelerated?	Has there been reduction of retardation?	Have fewer pupils in the seventh, eighth and ninth years left school?	Has there been an increase of pupils who go to the senior high school?
<i>Group I.</i>									
1a, . . . . .	Y	Y	N	Y	Y	N	Y	Y	Y
1b, . . . . .	N	Y	N	N	Y	N	Y	Y	Y
2, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
3, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
4, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
5, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
6, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
7, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
8, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
9, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
10, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
11, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
12, . . . . .	Y	Y	N	N	Y	N	Y	Y	Y
<i>Group II.</i>									
13, . . . . .	N	Y	N	N	N	N	Y	Y	Y
14, . . . . .	Y	Y	N	N	N	N	Y	Y	Y
15, . . . . .	Y	Y	N	N	N	N	Y	Y	Y
16, . . . . .	Y	Y	N	N	N	N	Y	Y	Y
17, . . . . .	Y	Y	N	N	N	N	Y	Y	Y
18, . . . . .	Y	Y	N	N	N	N	Y	Y	Y
19, . . . . .	Y	Y	N	N	N	N	Y	Y	Y
20, . . . . .	Y	Y	N	N	N	N	Y	Y	Y
21, . . . . .	Y	Y	N	N	N	N	Y	Y	Y
22, . . . . .	Y	Y	N	N	N	N	Y	Y	Y
23, . . . . .	Y	Y	N	N	N	N	Y	Y	Y
24, . . . . .	Y	Y	N	N	N	N	Y	Y	Y





### III. High School Administration.

Problems of high school administration received continued attention during the year. At the annual State Conference of High School Principals, conducted by the State Department March 28 and 29, 1919, chief consideration was given to problems involved in the organization of differentiated curriculums in the comprehensive high school and to the relation of high schools and colleges.

Two committees of the organization of high school principals, known as the High School Masters' Club of Massachusetts, issued important reports during the conference week. One report dealt with the thesis "Part-time Education as a Minimum Requirement for Every One up to the Age of Eighteen Years." This committee recognized six types of part-time education, four of which it grouped under "Occasional types," calling them, respectively, seasonal employment, unrelated employment, related optional employment, and related required employment. The two remaining types were designated as "Regular types" and included alternating attendance and employment, and continuation attendance. The committee recommended that all types of part-time work which meet the needs of the community be provided, that a department of vocational guidance, including employment supervision, be established in every high school, and that continuation education be made compulsory.

The committee consisted of —

Principal Howard Conant of Holyoke, *Chairman*.

Principal Oscar C. Gallagher of West Roxbury, *Secretary*.

Principal Albert B. Kimball of Fairhaven.

Principal Charles F. Warner of Springfield.

Another report, on the "Distribution of Costs in Secondary Education," was presented at the meeting of the club. The committee consisted of —

Principal W. C. Akers of Brookline, *Chairman*.

Principal Edward R. Clarke of Winthrop.

Principal Willis L. Eaton of Waltham.

Principal G. Walter Williams of New Bedford.

Among the conclusions of the committee the following may be quoted:—

“The small cost for clerical help indicates that much of the clerical work is done by the regular teachers, and raises the question whether or not this is a wise and economical policy. No school in Classes II and III employs a librarian. The expenditures in Class I, for librarian, are small in comparison with the growing importance and advantage of the work.”

“Owing to very incomplete returns, no report is made of the cost of books and supplies in the various departments. It is apparent that few schools, by their system of bookkeeping, keep these expenses distributed by departments.”

#### IV. State Aid for High School Education.

This was the first year for which the State aid for high school education in towns of fewer than 500 families was based upon the new law relative thereto, namely, chapter 198 of the General Acts of 1918.

According to the State census for 1915 there were 165 towns of fewer than 500 families. The complete list of these towns, with the number of families, number of pupils attending high schools, and State aid therefor, is given on pages 173 to 179, inclusive. The provisions made by these towns for high school education for the year ending June 30, 1919, and the number of towns receiving State aid, may be summarized as follows:—

Towns that maintained four-year high schools, . . . . .	48
Received State grant, . . . . .	36 <sup>1</sup>
Did not receive State grant because “valuation per pupil” was in excess of the corresponding ratio for the Com- monwealth, . . . . .	12
Towns sending pupils to high schools in other towns or cities, .	110
For tuition expenditures:—	
Reimbursed in full, . . . . .	40 <sup>2</sup>
Reimbursed three-fourths, . . . . .	31
Reimbursed one-half, . . . . .	20
Not reimbursed, . . . . .	19

<sup>1</sup> In addition, Bolton, Douglas, and Sterling maintained high schools of less than four years, and received the State grant.

<sup>2</sup> Eight of these towns received reimbursement in full for both tuition and transportation expenditures.

For transportation expenditures: —

Reimbursed in full, . . . . .	28 <sup>1</sup>
Reimbursed three-fourths, . . . . .	33
Reimbursed one-half, . . . . .	21
Not reimbursed, . . . . .	28
Towns in which pupils attended local academies, . . . . .	3 <sup>2</sup>
Towns not reporting any pupils as attending high schools, . . . . .	4
Total, . . . . .	165

The following 39 towns received the high school grant for the school year ending June 30, 1919: —

*List of State-aided High Schools.*

Ashby.	Lunenburg.	Sheffield.
Ashfield.	Mendon.	Shelburne.
Bernardston.	Millis.	Southborough.
Bolton.	New Marlborough.	Sterling.
Brimfield.	New Salem.	Stow.
Charlemont.	Northborough.	Sudbury.
Charlton.	Northfield.	Wellfleet.
Chester.	Norwell.	West Boylston.
Conway.	Pembroke.	Westminster.
Douglas.	Petersham.	West Newbury.
Essex.	Plainville.	Williamsburg.
Huntington.	Rutland.	Wrentham.
Littleton.	Sandwich.	Yarmouth. — 39.

## V. Certification of Teachers for State-aided High Schools.

Teachers in State-aided high schools (of which there were 39 in the year 1918-19) are required by chapter 375 of the Acts of 1911 to hold certificates issued by the Department of Education. Teachers in other high schools and teachers in elementary schools are not required to hold State certificates. Applicants are usually issued certificates on credentials without examination.

Three classes of certificates are now granted, namely, preliminary, permanent, and special. A general certificate was granted prior to July 1, 1912. The requirements for these certificates were given in the seventy-eighth annual report of

<sup>1</sup> Eight of these towns received reimbursement in full for both tuition and transportation expenditures.

<sup>2</sup> Hatfield, Harvard, and Marion. In Boxford some pupils attended a local academy, and others attended a high school in another town.



### STATE NORMAL SCHOOLS.

Under the provisions of chapter 350 of the General Acts of 1919, which brought about a reorganization of the Department, the ten State normal schools were placed in the Division of Elementary and Secondary Education and Normal Schools. The administration of these schools is carried on through the Commissioner and the director of the division. A monthly conference of principals is held for the purpose of discussing administrative matters.

### LOSS IN ENROLLMENT.

In common with teacher-training institutions throughout the country, the State normal schools suffered serious depletion in enrollment during and immediately after the war. A slow but gradual increase to former enrollments is already manifest. For the year ending June 30, 1919, the total enrollment in the ten State normal schools was 2,069. In 1909 the enrollment was 2,013. In 1917 the enrollment was 2,862. Due to increased financial rewards outside the schoolroom, high school graduates entered business and other fields of work rather than preparation for teaching, and a gain of seven years, amounting to 849 students, was lost.

Each high school in the State has been visited by a representative of one of the State normal schools during the present year. This visitation, together with publicity through poster and leaflet, has done much to arouse interest in the normal schools. There are indications that the entering class in September, 1920, will show a substantial increase.

The following table shows enrollment data for the past four years: —



## COMPARATIVE STATISTICS AS TO MEMBERSHIP.

*Massachusetts State Normal Schools.*

SCHOOL.	MEMBERSHIP.				Decrease, 1919-20 from 1916-17.	Per cent decrease, 1919-20 from 1916-17.
	1916-17.	1917-18.	1918-19.	1919-20.		
Bridgewater, . . . .	409	439	430	392	17	4.1
Fitchburg, . . . .	396	332	245	246	150	37.9
Framingham, . . . .	425	339	369	418	7	1.6
Hyannis, . . . .	73	49	30	35	38	52.0
Lowell, . . . .	227	213	179	135	92	40.5
North Adams, . . . .	156	113	73	69	87	55.7
Salem, . . . .	410	334	291	261	149	36.3
Westfield, . . . .	197	165	99	86	111	56.3
Worcester, . . . .	255	190	116	117	138	54.1
Normal Art, . . . .	314	276	237	285	29	9.2
Totals, . . . .	2,862	2,450	2,069	2,044	818	28.6

The following table, showing the number of graduates from the State normal schools for the past five years, points out clearly the effect of the war conditions:—

NUMBER GRADUATED.	1915.	1916.	1917.	1918.	1919.	Totals.
Men, . . . .	65	65	72	37	39	278
Women, . . . .	884	940	1,081	950	772	4,627
Totals, . . . .	949	1,005	1,153	987	811	4,905

## CONFERENCES.

The State normal schools are increasingly coming into contact with the administrative forces of the State. The following conferences were held in State normal schools during the past year:—

Fifth Annual Conference of Superintendents of Schools, Framingham.

First Annual Conference of Junior High School Administrators, Bridgewater.

Sixth Annual Rural School Conference, Worcester.

Framingham Superintendents' Club, Framingham.  
Worcester County Superintendents' Association, Worcester.  
Old Colony Superintendents' Club, Hyannis.  
Local Institute for fifteen surrounding towns, Lowell.

Members of the normal school staffs have taken part in institute work in many parts of the State.

On Sept. 3, 4, and 5, 1919, the Second Annual Conference of State Normal School Instructors was held at Bridgewater. Prominent speakers from outside the State were Dr. W. C. Bagley of Teachers' College, New York, and Dr. Edward Howard Griggs of Croton-on-Hudson, New York.

Eighteen committees now at work upon minimum essentials in the courses of study for the elementary and junior high school departments conducted departmental conferences to discuss preliminary reports. These reports were approved and are being used and revised in the several schools with a view to further discussion and final adoption at subsequent annual conferences.

At the business meeting of the Normal School Association the following persons were elected officers for the year 1919-20:—

*President*, J. Asbury Pitman, Salem.  
*Vice-President*, Roy L. Smith, North Adams.  
*Secretary*, M. Harriet Bishop, Worcester.  
*Treasurer*, Sarah M. Armstrong, Framingham.

#### COMMITTEE REPORTS.

Two committees of principals, working with the director of the Division, have studied at length and submitted to the conferences of principals reports on the following subjects:—

- (a) The Advisability of Lengthening the Normal School Course.
- (b) Standards for Awarding Diplomas in State Normal Schools.

The rapidly increasing tendency to lengthen the normal school course is indicated by the fact that fifty State normal schools in the country are already giving courses of four years' length, forty-six of them leading to a degree. Increasing professional standards are bringing the matter into discussion in Massachusetts.

Increasing opportunities to secure professional training through summer school work and extension courses have made necessary some basis of accrediting this work toward a normal school diploma. This matter is of importance, furthermore, in connection with the act passed this year which encourages the employment of teachers with professional training through a larger reimbursement from State funds.

#### SUMMER SESSIONS.

Strong summer sessions were held at Fitchburg and Hyannis State normal schools. There were 480 in attendance at these schools, — 93 at Fitchburg, and 416 at Hyannis. Courses in the field of practical arts, elementary and junior high school methods, Americanization, home economics, and rural school problems were given. Seven diplomas of graduation were awarded at Hyannis.

The Massachusetts Agricultural College co-operated with the Division of Elementary and Secondary Education and Normal Schools in conducting a summer school for teachers in western Massachusetts for four weeks during the month of July. Eight courses in educational methods were given, and more than 100 teachers were in attendance.

A summer school in gardening and food conservation was conducted at Framingham with 30 in attendance. This school supplements the training of the household arts department, and is designed to train leaders in gardening and food conservation work.

#### NEW GROUNDS AND BUILDINGS.

Ground for a new dormitory, Horace Mann Hall, was broken at Framingham on Sept. 30, 1919. This modern dormitory, costing \$156,260, will be ready for occupancy with the opening of school in September, 1920, and will accommodate 120 students. The corner stone was laid with appropriate exercises on Jan. 15, 1920.

The State purchased for \$30,000 the Parker estate, adjacent to the normal school property at Lowell. This purchase practically doubles the land area for this school, and provides amply for any expansion of the school.

## DEPARTMENTS OF INSTRUCTION.

It has been the policy of the State, with reference to its normal schools, to establish a system of teacher-training that would meet the varying needs of the different types of schools and communities in the Commonwealth. This has been done without an undue duplication of equipment and curriculum organization. In addition to the general task of training teachers for the elementary and junior high schools, other somewhat special activities, now recognized as essentials in a State-wide system of teacher-training, have been assigned as specific tasks to the separate schools. Practical arts, kindergarten training, public school music, commercial curriculums, rural life, household arts, and art and drawing are now considered an important part of the State normal school program. As will be seen in the following outline of the departments of the several schools, and by reference to the individual catalogues, the policy of broadening the scope of teacher-training to meet modern needs, through differentiating the work of the normal schools, has been accomplished.

For the information of school authorities in securing teachers, and the guidance of pupils in planning a course in the State normal schools, the following statement of the work now offered is made:—

*Elementary Department.*— Prepares teachers for elementary schools, including schools containing six grades only, and rural schools of all elementary grades. Two-year curriculum. Maintained by all the normal schools, except the Normal Art School. Framingham, North Adams, and Hyannis devote special attention to the needs of eight-grade or nine-grade rural schools. Fitchburg, Salem, and Worcester devote special attention to the needs of schools of six grades only. Lowell offers a three-year curriculum, one year of which is spent in teaching on salary.

*Elementary-intermediate Department.*— Prepares teachers for all grades of the elementary school, with special reference to the needs of the upper grades. Three-year curriculum. Maintained by Worcester.

*Intermediate Department.*— Prepares teachers for intermediate schools or junior high schools. Maintained by Bridgewater,

Fitchburg, Salem, and Worcester. At Bridgewater, Salem, and Worcester the curriculum is three years in length. At Fitchburg it is four years in length, one of which must be spent in teaching on salary. At Bridgewater three curriculums have been organized, each three years in length, to prepare for the teaching of different groups of academic subjects in junior high schools.

*Primary Department.* — Prepares teachers for primary grades. Special attention is given to this department at Bridgewater and North Adams. The curriculum at Bridgewater is three years in length, and includes such kindergarten theory and practice as is adapted to primary grades. The course at North Adams is two years in length.

*Kindergarten Department.* — Prepares kindergarten teachers, who are also prepared to teach in the first three primary grades. Two-year curriculum. Maintained by Worcester.

*Practical Arts Department.* — Fitchburg maintains a three-year curriculum for men desiring to teach manual training and various forms of industrial work in junior and senior high schools.

*Household Arts Department.* — Framingham maintains a three-year curriculum for the teaching of household arts in junior and senior high schools. On account of the special attention given to science, some of the graduates of this school are granted certificates by the Department of Education to teach biology, general science and chemistry in addition to household arts.

*Elective Course in Household Arts.* — North Adams offers in its regular two-year curriculum special electives for the teaching of household arts in addition to the other work of the elementary schools.

*Department for Music Supervisors.* — To prepare supervisors of music for elementary and high schools. Lowell maintains a one-year curriculum for students who have taken the two-year elementary curriculum or have had equivalent preparation.

*Commercial Department.* — Salem offers a three-year curriculum for the training of commercial subjects in junior and senior high schools. For students now entering the school the curricu-

lum has been lengthened to four years, one of which must be spent in commercial employment under the supervision of the normal school.

*Art Departments.* — The Massachusetts Normal Art School has eight departments “to train teachers, designers, illustrators, draftsmen and craftsmen for industrial art leadership in the promotion of Massachusetts education, manufactures and social life.” The curriculums are four years in length. The public school arts department aims specifically to prepare art teachers for elementary and high schools.

*Summer Schools.* — Hyannis maintains two five-week summer sessions at which are offered courses in the theory and practice of education, in the teaching of various elementary and high school subjects, in school supervision, and in special lines of work. This work may be counted toward the diploma of the normal school.

At Framingham a special summer school in gardening and food preservation is carried on for a period of three weeks for the training of young women to become extension workers in these fields.

At Amherst the Massachusetts Agricultural College and the Division of Elementary and Secondary Education and Normal Schools co-operate in maintaining a summer school for four weeks during July. Eight courses in educational methods are given.

Fitchburg maintains a summer session for students desiring to take a part of their regular work during the summer. The practical arts department is in session forty-eight weeks, thus enabling men to complete the three-year curriculum in two school years in addition to three summer terms. Similarly, students in the elementary department are able to complete the two-year curriculum in one regular year and three summer terms.

#### EXTRACTS FROM REPORTS OF PRINCIPALS.

The following brief extracts from the reports of the normal school principals suggest some of the significant activities of the several schools: —

## BRIDGEWATER.

In June, 1919, Franz H. Kirmayer died after a very brief illness. He began to teach at Bridgewater in 1870, when the four-year course was established, and his work then included subjects of the classics and modern languages. During recent years he was instructor in modern languages in the junior high school department in this school. From the first he was a respected and honored teacher.

During the year a new emphasis has been placed on the practical use of standard measurements and tests, both physical and mental. These tests have been used in the normal department and in the training school, and the student-teachers have been trained in the use of such measurements with children.

Extended experiments have been made in the different departments on the use of project method, supervised study, socialized recitation, and library research. Special attention has been given in the subjects of history and geography to the problems which have arisen because of the World War. In addition to these general experiments particular attention has been paid in the training school to such projects as co-operative assistance between children, inter-recitation work, motivated recitations, and supervision of silent reading.

The special problem in the training school has been the organization of a course of study properly related to well-defined educational theory, the best current practice, and the present needs of the school as to (a) the choice of subject-matter, (b) the organization of subject-matter, and (c) the essentials of method.

The courses in music and literature are nearly completed through the assistance of the supervisors of these subjects. The courses in spelling and geography are well under way, and that in composition is outlined in its main features. These courses are being worked out by teachers in the training school under the direction of the supervisor of training.

The organization of student life along lines of social development has been expanded to a marked degree. The student government organization, which now includes the whole school, has been developed by the new dean, Miss S. Elizabeth Pope, so as to include all phases of the social life of the school. The co-operation of this organization with the faculty council has tended to the development of the best type of school democracy. A group of such organizations as the Young People's Union, the Dramatic, Glee, Library, French, Bird and Tennis clubs, the Athletic Association, and the Publicity Committee of the English Department makes the student activities outside of the classroom of real social value. Other similar clubs are in the process of formation, and it is planned to include all of the students in some form of social organization.

In the training school the problems of Americanization in community life are worked out through organizations of the children which develop

self-government, such as the Good English, Good Citizenship, Health, and Bird clubs; also the Good Travelers' Club, among the children who are transported.

#### FITCHBURG.

In addition to the generally recognized aims of all educational institutions and of normal schools in particular, the three chief aims which have guided the work at the Fitchburg Normal School during the past year, and towards the realization of which the work is shaping itself for the coming year, are —

(a) To make education real. To illustrate the truth that the best fitting for complete living in the future is complete living to-day, whether in the case of the child or the adult.

(b) To have available at all times the opportunities offered by the State to pupils in the practice school and students in the normal school for receiving an education.

(c) To provide more and more opportunities for students to meet by their own labor the expenses of their education.

The aim of the school from the first might be stated in these words — Desire, Design, Do.

Steady progress has been made towards this ideal, although, of course, it has not yet approached anything like full realization. From the beginning students who were learning to teach and to manage have been given the opportunity to learn by actual teaching and managing. Students entering the school for the first time have, during the junior year, regularly taught individuals. During the second year, they have taught in full charge of a room under competent supervision for fourteen weeks, full time, — five hours a day and five days a week. During the third year, they have taught the entire year on salary under the supervision of the normal school. And now, during the fourth year, they teach certain selected subjects, in which they wish to specialize, for a limited number of periods each week. In practice work, how to realize the aim above set forth has been very clear.

In the teaching of normal-school subjects it has been more difficult, but in practical arts, household arts, and drawing considerable progress has been made. Recently a statement of the principles underlying the work in the practical arts in grades 5 and 6 was made, as follows: —

1. Work must meet a need, — a school, home, group or individual need.
2. The needs of the largest social groups should be met first. The school is the largest social unit realized by a child; then the home and play group. Meeting these needs teaches the necessity of social service, and develops a love for such service.
3. Very fine workmanship ought not to be expected, and therefore should not be insisted upon, but the article when completed must adequately meet the need in response to which it is made. It must "work."
4. Projects should usually be selected from the world's work, from



articles of common manufacture, such as toys, boxes, calendars, book-marks, pictures, mottoes, quotation cards, doilies, face cloths, slippers, etc.

Included in the "world's work" is the work of the school and of the home. Select from this the work that the young children can do, *e.g.*, cutting pages of magazines and books, mounting pictures and maps, folding leaflets, passe partouting series of pictures to illustrate stories and countries studied in geography, and similar projects.

5. In general, work must not be too difficult for the pupil. Structure and design, however, will often, if not usually, be beyond the ability of pupils, who will perform only the simpler parts of the work, such as assembling toys from parts too difficult in structure for young children to plan and make, coloring designs of a higher character than they can themselves originate, or coloring photographs which they do not take, develop, or print.

6. Introduce the pupil to the world's work as it is actually done. If "education is world-building," then help the child to build up in his mind and by his experience a real world. Therefore, as a regular procedure, pupils should not be required to perform, entirely by hand, processes which are now always done by machinery in the real business world. For instance, the cardboard frames of the boxes are not cut out by the children, but are bought from the box shop already cut and scored. Toy assembling illustrates the same principle.

7. Nothing should be done simply for the sake of "keeping children busy." A higher motive should govern the teacher. There is plenty of work which appeals to these higher motives.

Experience has shown that the principles as enunciated above can readily be realized in the work, if proper thought and planning is given to it. In the field of drawing, outside the practical arts work with men, the aim has not yet been completely realized but much progress has been made.

#### FRAMINGHAM.

Vocational teacher-training, embracing a course for teachers of vocational household arts, was introduced last September, and has met with success. This course is designed to equip young women of maturity, and of experience in homemaking or related occupations, to become teachers of homemaking in accordance with the requirements of the Smith-Hughes Act of the Federal government. The young women who have chosen this course have already set a high standard of efficiency.

The course is conducted under the direct supervision of the Division of Vocational Education of the Department of Education. It differs from the course of the household arts department, not so much in subject-matter as in being limited to persons of previous experience in home management or wage-earning occupations, and in adjusting its methods and its emphasis upon the various phases of vocational and professional training to the needs of persons of such experience.

It emphasizes the project method of instruction, and accordingly provides a large measure of actual occupational practice (at least 200 hours a year) and of teaching practice (360 hours in the course) in order that instruction in subject-matter, however far the student may need to pursue it into the larger relations of a subject, may start with its immediate relation to practical experience.

The course therefore includes theory and practice in both homemaking and teaching.

The study of the home and its environment, and of the several sciences involved in homemaking and community life, is accompanied by practice in homemaking and in occupations related to the home.

The study of the teaching profession and its requirements is supported by observation and practice teaching in vocational and other schools.

The aims of the course may be defined as follows:—

1. To initiate the student into the vocation of teaching; to develop appreciation of its ideals, a knowledge of its resources, and skill in bringing the latter to bear.

2. To insure adequate knowledge of household processes, of all the factors of homemaking, and of home conditions both as they are and as they ought to be.

3. To reinforce this knowledge by close correlation with relatable and professional subjects.

4. To establish distinct ideals of home life in its finer manifestations.

5. To develop power to apply, and skill in applying, this knowledge to the attainment of these ideals.

This course is open to students at least eighteen years of age who meet the following requirements:—

1. Satisfactory evidence of at least two years' actual experience either in the home as house-daughter, with a large share of responsibility in the management of the home, or as a wage earner in one of the occupations involved in homemaking.

2. (a) Graduation from a four-year course in an approved vocational school, and evidence of scholarship and qualifications for the teaching profession; or—

- (b) Preparation in accordance with the entrance requirements for the household arts department, as indicated in the catalogue of the school.

#### HYANNIS.

During the past school year there has been a small increase in the number of students attending the regular session. The regular lines of work have gone on without great modification.

The summer school of 1919 was, however, the largest in the history of the school, and the living accommodations of the school were severely taxed. In fact, it became necessary to feed about 275 people with dormitory accommodations planned to feed 70, and to rent a local hospital where about 25 persons were lodged and about 60 were fed. In order to do this



2. Students may attend during the fall and spring terms, September to June, for two years, and thus secure a two-year diploma.

3. Students may attend during the fall and spring terms and the double summer session of the first year, continue through the fall term of the second term, then go out and teach during the spring term, and return and take the double summer session of the second year, thus securing the two-year diploma.

4. Teachers with three years or more of successful experience may come for two double summer sessions and the intervening fall and spring terms, thus securing a two-year diploma with the loss of but one year of teaching.

5. Teachers of three years or more of successful experience who have received some professional training in a reputable normal school may receive due credit to count toward a diploma.

Members of the regular normal school faculty take five or ten weeks for recreation or study at convenient times during the year, and teach during one or both parts of the summer session.

#### LOWELL.

On Sept. 1, 1919, John J. Mahoney, principal of the Lowell State Normal School, was granted a leave of absence for one year to act as director of Americanization in the Department of Education. Clarence M. Weed of the faculty was appointed acting principal.

During the past year the work of the Oliver School in Lawrence has been carried on with the assistance of the departments of civics and education of this school. A more complete account of the results will be found under the title of "The Lawrence Plan for Education in Citizenship," on pages 19 to 28 of the report of the Commissioner.

A systematic attempt has been made to interest high school pupils in the teaching profession. Practically all of the high schools in the area served by the Lowell Normal School have been visited by representatives of the faculty, who have given before the students of the senior and junior classes general discussions of the relation of teaching to the continuance of our democracy, and of the specific requirements and advantages of a normal school education. As a result of these visits a great many girls have had their attention drawn to the opportunities offered by the Massachusetts normal schools, and we believe many of them who would not otherwise have entered these schools have made up their minds to enter.

For several years past a three-year course has been carried on in which the seniors went out to teach with salary at the end of the second term, staying one year in the field, with such supervision as the school was able to furnish. The salaries received by these students heretofore have been less than \$600, but their work has been of such excellence that superintendents generally have been glad to take on the new teachers who go out to take their places at a very much better salary. The minimum for this service has been established at \$750 a year.

In order that the professional ideas developed in the normal schools and the practice schools should be more generally available to superintend-

ents and teachers, as well as to the pupils of the school, a series of leaflets have been printed in mimeograph form. Some twenty-five of these issued during the year include discussions of a considerable variety of topics, some of which, the more significant, may be mentioned:—

Citizenship Aims in Method and Management.  
A Critique for Student Practice.  
The Project Method of Instruction.  
A Critique for the Evaluation of the Recitation.  
Qualities of a Good Assignment.  
A Test for a History Lesson.  
A Good Kind of a History Recitation.  
Paragraph Development.  
Language Stories by Pupils.  
Observation of English for Expression.  
Outline Aid to Observation of Pupils.

These leaflets are sent free to teachers interested, and are likely to prove a helpful means of extending the influence of the normal school.

The school has continued throughout the year, in a very successful manner, the form of student government introduced some years ago and carried on through the School and Society League. The experience of these months has shown the desirability of one or two minor adjustments in the program, but, on the whole, has splendidly justified the general idea.

The students and faculty have taken an active part in the affairs of the community, and have helped to carry on one very successful teachers' institute.

#### NORTH ADAMS.

Lesson planning was inaugurated in 1898, and has remained a fundamental feature of our professional work. No other elements have done as much to establish right habits of discerning the immediate needs of pupils, of finding the point of contact, of thinking straight as to content, of selecting material, and of adapting method.

It is our long-established procedure that teachers in the normal department teach all students to make lesson plans in connection with the several subjects; and that teachers in the practice department teach students assigned to them to adapt plans to the interests, abilities, and progress of the children under instruction.

1. Students observe instruction of children by normal or training teachers, discern and describe in writing the plan of the lesson, and continue until the aim, content, material, and method of a lesson are easily distinguished.

2. Students analyze printed model plans, compare them, and account for the differences in professional elements and in technical arrangement.

3. Students practice writing each of the parts of a lesson plan, and compare products from the point of view of use with specified pupils or grades.

4. Students collectively, under instruction, write typical lesson plans.

5. Students individually write lesson plans for use in practice and later teaching.

6.° Students plan lessons in brief, according to the difficulty of the lesson, and the ability of the student.

At frequent intervals faculty meetings and individual conferences with the principal have been held to modify instruction and practice in lesson planning, thereby providing for initiative and flexibility on the part of both teachers and students. It has been found that lesson planning is of paramount value, and that it can be abused to the extreme of formalism or of neglect. The good result evident in the students is self-direction of thought and teaching in accordance with the growth of children and the progression of the subject under consideration. The good result evident in the teachers is judgment and adaptation of method according to the newer principles of education as they become stabilized.

During the year 1919 the members of the faculty have prepared many new lesson plans to serve as models for resident students in their study and practice teaching, and for practical use by the corresponding teachers.

The work on lesson plans led naturally to a marked increase in the number and variety of demonstration lessons given by normal school instructors, or by training school teachers working in conjunction. Such lessons have been followed by free discussion and have proved highly stimulating.

"Better speech week" was used very thoroughly and effectively in the furtherance of better English, both for its own sake and for the promotion of knowledge and ideals. The greatest effect was evident among the pupils of the training school, and all are more thoughtful and careful and happy in trying to speak well and write correctly.

In connection with the work on committees for the preparation of new courses of study for the normal schools as a whole, the teachers have definitely modified their present courses, and have more thorough changes in view for the coming year. A prominent feature is the appreciation of new aims required by the social changes of the day, and the introduction of new facts and methods into their courses.

#### SALEM.

I. *Membership.*—In common with practically every other normal school in the country, the membership has suffered seriously in consequence of the war. Within a few years the enrollment had increased from less than 200 to more than 400 students before our entrance into the war. In September, 1918, it had dropped to approximately 300 students. It was confidently expected that, after the close of the war, we should soon return to normal conditions. On the contrary, however, our membership has slightly diminished during the past year. Before the war we had more than 40 men in the student body; now we have but 6. As a result of business competition, a considerable number of students in the commer-

cial department for practical experience, in the third year of their course, failed to return to the school, and are thus lost to the teaching profession. Industrial and commercial life is also attracting considerable numbers of graduates of high schools who, under ordinary business conditions, would enter the normal school. These young people are not yet impressed with the fact that teachers' salaries have been materially increased, nor with the probability that we are rapidly approaching a crisis in our economic life which must result in unemployment and in lower wages in the industries.

II. *Changes in the Faculty.* — During the past two years there has been an unusually large number of resignations in the faculties of both the normal school and the training school. Many of the changes have come in consequence of marriage, and retirement from the service by reason of age, sickness, and death; but many more have occurred because of more attractive salaries, either in business or in teaching positions elsewhere.

III. *Practice Facilities.* — With reduced membership it has been unnecessary to continue to use the Glover School for observation and practice. We have therefore temporarily suspended our contract with the town of Marblehead, thus saving about \$2,000 annually. The arrangement for practice in the junior high schools of Somerville, Chelsea, and Lynn are very satisfactory. This work is carried on without expense to the State or to the students, each school department paying to students who come from a considerable distance, or who are obliged to board in the city, a sum sufficient to meet their necessary expenses.

The demand for substitute teachers of the commercial subjects has been so great that in many instances this experience has been accepted instead of supervised practice. It is not an ideal arrangement, but, under present conditions, it has seemed necessary to meet the needs of school systems which have been suffering from the shortage of teachers. In consequence of this plan several students have received the financial assistance that has been needed to enable them to complete their courses in the normal school.

The call for office workers has been so great that we have had no difficulty in securing very remunerative and professionally profitable employment for our students in the third year of the commercial course, which has been devoted entirely to business practice. After several years' experience it seems probable that a half year of such experience is sufficient, and that the remainder of the students' time in this year of the course might be spent more profitably in advanced study and in practice teaching.

The agreement with the city of Salem has been so modified that we are now employing a permanent assistant for each supervisor in the training school, thus having one regular teacher for each grade. This was not only desired by the local school authorities, but it was made necessary by the small size of the senior class in the normal school by whom much of the teaching in the training school is done.

IV. *Professional Improvement.* — Among the most important means of professional improvement affecting the faculty of this school has been the preparation and testing of the courses of study now in process of revision. Those members of the faculty charged with responsibility for this work have been diligent and enthusiastic in the performance of the task, and they have unquestionably developed professionally.

Last year eleven members of the faculty pursued advanced courses of professional study at Columbia and at Harvard universities; three taught in summer schools, or conducted other courses in universities; four gave university extension courses under the direction of the State Department of Education; and several made important contributions to professional literature. As usual, a good many educational addresses were made by members of the faculty, and several served on important educational committees.

V. *Student Life.* — The employment of a dean of women has been of substantial advantage to the school. As instructor in library practice she has formed an early personal acquaintance with each member of the entering class. This has made it possible for her to give intelligent and sympathetic assistance to students in need of individual help or advice.

The most pressing need of the school is a system of dormitories. The increased cost of living has made residence in private families quite impossible for many young people who would otherwise enter the school. In Salem students must pay \$9 or \$10 a week for board and lodging altogether inferior to that given for \$5.50 a week by the schools having dormitories. In most cases they must go out to their meals; they have no suitable rooms for social intercourse; and they develop little school spirit. The proprietor of our largest and best boarding house has announced that she cannot continue to give board after the close of the school year. Conditions in another house have become so unsatisfactory that all of the teachers and many of the students formerly boarding there have left. The school is more than a mile from any public restaurant. In these restaurants in the center of the city the price of board is high, and it is most undesirable that students should take their meals there. We are therefore confronted with an immediate problem the solution of which is not in sight. Many of the students who would enter this school, if we could offer the attraction of dormitory life, are entering other normal schools or colleges which have dormitories, or they are engaging in other occupations than teaching.

With our present comparatively small membership more than 100 students would live in dormitories if we had them, and they would unquestionably be the means of increasing the membership of the school. They would also attract to the school a larger proportion of superior students, and the teaching profession never needed them more. The need of a dormitory is urgent. I recommend that immediate steps be taken to secure an appropriation sufficient to erect one large enough to accommodate 150 students.



## WESTFIELD.

Although for several years the school has been characterized by socialized work, the past year has brought about a development in this direction that has attracted many visitors, especially to the training school. Teachers have come not only individually but in large groups to witness demonstrations of various phases of socialized procedure. Similar demonstrations have been given for women's clubs interested in recent educational practice.

During the year junior activity in the training school has been strongly emphasized with most gratifying results through an increase in directed observation and through participation.

The work of this class has included, among other projects, two connected with story telling. One involved the telling of stories in the training school by every member of the class; the other the establishing of an evening story hour at the Children's Home to which all juniors not commuters (four-fifths of the class) have contributed. The juniors have also given pleasure in a similar way at the Old People's Home.

In the literature department, also, socialized work has been given considerable prominence in connection with a project for arousing in students a permanent interest in good literature. The seniors have formed into societies for reading either "The Course for Girls" or "Thirty Books of Great Fiction," issued under the auspices of the United States Bureau of Education. Either course is to be finished in two years, and its completion brings the reward of a diploma signed by Commissioner Claxton, — a diploma by no means lightly earned, since it stands for enrollment at Washington, some sort of written commentary on each book read, and a more formal and comprehensive examination when the course is finished. The work in this school overlaps that directed by Washington in demanding of each girl that she read one of the listed books during her course in literature, and that she give before her classmates at a meeting of the club a talk based on some assigned related subject.

The club meetings are held weekly, and their conduct is modeled on that of the modern woman's club. The students learn parliamentary procedure and make and carry out their own programs. The weekly roll call makes informal speaking compulsory, and various club enterprises bring every member at some time into a position of prominence or leadership.

The scope of the work extends socially, no less than intellectually, beyond the classroom. On several occasions the students have presented their program before invited guests, — members of the faculty and first-year students being frequent visitors. The most pretentious meeting of this sort, however, was held when the special guests were 85 seniors of near-by high schools, who, as prospective students, had been invited to spend a day at the school.

A project of especially timely interest now occupying the class in literature is the collection and adaptation of material suitable for the coming school celebration of the Pilgrim Tercentenary. In so far as possible, the nature of each student's work is governed by the grade in which she expects to teach. The class lessons are based upon O'Reilly's "The Pilgrim Fathers," which, from its clear enunciation of the Pilgrim conception of law, faith, freedom, and revolution, is perhaps unsurpassed in the field of schoolroom literature for impressing upon young people the origin of the most typical of our American ideals, and a convincing sense of our duty in understanding and maintaining them.

In another definite way the school seeks to extend its influence beyond graduation. It is a custom of several years' standing to establish a correspondence between the seniors and our latest graduates. The reciprocal benefits are marked. The correspondence strengthens the graduate's ties with the school; it clarifies her ideas; and it offers her an opportunity for professional courtesy and service. On the other hand, it acquaints the normal school student with the problems and pleasures of the actual teacher in her first school.

#### WORCESTER.

I. In the spirit of the educational trend of the day we have done a large amount of socialization and project work in the different grades of our training school. In order to make this work profitable we have acted upon the two following points:—

(a) The freedom which comes with socialization must be purposeful and constructive.

(b) Project work, especially in the lower grades, must be concrete and actually related to the child's needs and interests.

We feel that the work has been very valuable. The following projects were worked out in grades 1 and 2:—

(1) A farm constructed on the floor, covering space 12 by 9 feet. The time for this extended over a period of three weeks. From it came exercises in phonics, reading, spelling, language and arithmetic, and lessons in thrift and sanitation. The social training was emphatically constructive. This project was, furthermore, written up by Miss Mary B. Pratt, supervisor of grades 1 and 2, and was published in the February number of "Primary Education."

(2) A project in hygiene. This was correlated with nature study, hand work, English, and reading, and covered a period of several weeks. It was also written up by Miss Pratt in the March number of "Primary Education."

(3) The making of spelling books. Utilizing suitable pictures which they themselves collected.

(4) Arithmetic books. Making original number stories and problems suggested by the pictures.

(5) Making the simple beginnings of a first grade primer to stimulate interest in the written sentence. Pictures were used for this.

(6) A flower farm made on the floor, with real soil, forming a basis for hand work, spelling, reading, and language.

In the upper grades we have taught portions of colonial history by writing imaginary diaries of English children who came to Maryland, picturing on the sand table New Amsterdam and Penn's treaty with the Indians, and the celebration of the Tercentenary of the landing of the Pilgrims.

Through these projects there has been correlation with all of the other subjects in the course. The object has been to visualize more vividly the events of history, and to add interest to the subject.

In geography we have had a most profitable and interesting experiment in the teaching of South America by the means of lantern slides. They were used in advance of the reading of the text, and served as an incentive to learn more by reading later concerning the scene and the events and the objects presented by the slide.

II. A series of thrift talks have been given by members of the faculty from the school platform during the year, taking up a variety of aspects of school and personal and social life in which there is a good opportunity for thrift. This has supplemented the consideration of the same subject in the citizenship classes, and has been very stimulating to the student.

III. The superintendents of Worcester County have accepted our invitation and adopted the State normal school as headquarters for their regular meetings, coming here for lunch and having their discussions afterwards. It has been very wholesome in strengthening the cordial relations between the superintendents and the normal school.

IV. A rather notable event for the school was the Eighth Annual Conference on Rural Education. We feel that it was a valuable meeting, with unusually strong and earnest addresses on the serious teacher shortage. It has been a good influence for the school to exert, and the reaction upon the school itself has been very much worth while. It has been very gratifying to have the recognition which these conferences have brought us. The proceedings are now published each year in "Education."

V. Inauguration of system of faculty advisers.

VI. Demonstrations of individual and group intelligence testing before senior classes, with the purpose of familiarizing them with the possibilities of such tests rather than to make them expert examiners.

#### NORMAL ART.

One of the most valuable services the school has been able to perform has been co-operation with the Federal Board for Vocational Education, through its Division of Rehabilitation, in offering training to disabled soldiers and sailors seeking opportunities for replacement in fields of applied art. The group of men assigned has represented exceptionally

earnest workers, and the aim has been to offer such thorough training that future employment could be found as foremen and superintendents in various fields, rather than as journeymen workers in subordinate capacity. Sign painters, stone workers, building superintendents, designers, modelers, commercial illustrators, and draftsmen have all been entered, and encouraging progress made.

While the school stands for thorough courses of considerable duration and the development of personal power, it already has been able to place some of these disabled men in successful openings, where, apparently, the training which they have received is proving to be of the utmost service.

Instruction to this body of students has had to be wholly individual in character, and they have learned to look upon the school as an educational home of much inspiration and assistance.

Each year it has been customary to present at the Christmas season a pageant utilized as a project, enlisting the interest of all concerned, developing school spirit, and offering an opportunity to attract the attention of the friends of the school. This year the subject selected, "The Quest of the Holy Grail," was prepared and staged with great success. During the development of the details of this project much intensive study was given to the story illustrated by the decorations by Edwin A. Abbey at the Boston Public Library. Costumes were carefully studied, patterns drafted, materials selected, dyed, and cut, and gowns, uniforms, over-dresses, and helmets produced by student craftsmen. Shields, armor, pennants, jewelry, crowns, furniture, draperies, and hangings, both stenciled and painted, were turned out by the different classes. The lighting effects, developing unique and inspiring color harmony, were the work of students, both as to installation and control. The stage presentation, picturing the well-known scenes of the library decoration, was greatly enjoyed through four performances and could easily have been repeated many times in other halls had the school been willing to allow its routine work to be broken into to meet the many invitations it received.

The good work which has been done through many years in developing sound draftsmanship bore fruit in the early winter at the exhibition of student drawings at the Pennsylvania Academy of Fine Arts, Philadelphia, when the five drawings submitted by students of the Normal Art School were chosen as center spots by the hanging committee, and one of which received the first prize of \$300, thus setting the approval of most eminent judges upon the instruction offered, and placing our competing students ahead of the students of every other exhibiting school.

Another interesting mark of progress, this time in decorative design, was the winning by one of the senior students of the first prize for the poster advertising the spring "Style Week." This also carried a money prize.

A Christmas card competition has also been entered upon by the students of the school.

A public exhibition of the work of contemporary illustrators was organized immediately after Christmas, visited by a large number of interested persons, and performed distinct service in the uplift of students' work.

This exhibition was carried out with the cordial co-operation of important magazine and book publishing houses and newspaper advertisers, and suggests a very valuable feature of State work, for which, unfortunately, little appropriation has been made.

The Department has taken leadership in the development of courses of study in drawing and hand work for the State normal schools, and much successful, far-reaching, and co-operative work has been accomplished for introduction next September.

**STATE-AIDED VOCATIONAL EDUCATION.**

Under the Commissioner of Education a director of vocational education has charge of the Division of Vocational Education. This director has direct administrative and executive responsibility in his division. The division has been organized for the past two years as follows:—

- A Subdivision of Supervision.
- A Subdivision of Vocational Teacher-Training.
- A Subdivision of Administration.

Under the director of the division, and through him responsible to the Commissioner of Education, there are agents with definite assignments within the above subdivisions in the —

- Field of Agricultural Schools and Departments.
- Field of Industrial Schools for Men and Boys.
- Field of Industrial Schools for Women and Girls.
- Field of Household Arts Schools and Departments.
- Field of Continuation Schools.

The report for this year is in part presented in accordance with the above organization. A full financial and vital statistical report covering each school will be found on pages 198 to 251, inclusive.

**Subdivision of Supervision.**

Supervision of work in the various fields is reported upon by the respective agents in charge.

**FIELD OF AGRICULTURAL SCHOOLS AND DEPARTMENTS.****SEPARATE AND COUNTY AGRICULTURAL SCHOOLS.**

Vocational agricultural instruction has been provided during the past year by six separate and county schools, at seven centers, in day classes, for a total enrollment of 235 pupils.

A gratifying number of young men have returned from service in the army and navy to complete their courses. Gradually the enrollment is rising to pre-war figures.

The building program at the Norfolk County School has been resumed in the construction, now in progress, of a new dairy

and general farm barn of a hip-roof, plank-frame type. A small greenhouse and headhouse, built by the instructor in market-gardening and floriculture and his pupils, has been brought into successful use; and a large, central poultry building, for mammoth incubators, for layers, for feed storage and for laboratory purposes, built by contract, has just been completed at the Bristol County School. The dairy barn has been thoroughly overhauled at the Essex County School. At each school there has been good progress in rounding out classroom and laboratory facilities.

The resort of city and village boys to these schools is leading to the best development of the school farms for productive purposes. Pupils are provided facilities for individual projects, and are employed on projects of the schools. Thus they learn to become capable workmen, gain some experience in foremanship in the third and fourth years, and feel the responsibilities and enjoy the rewards of independent projects planned and managed by themselves.

Of course, home projects are preferred and predominate. The projects of the schools support home project instruction by farm practice in unaccustomed operations, by demonstrations of desirable farm improvements, and by high standards of live stock and equipment, of management and results.

Farm bureau work is an integral and outstanding feature of the well-rounded activities of the three county schools, and extends its benefits, throughout the counties, to adult farmers and their families.

The Norfolk school has continued its very successful branch in the eastern part of the county at the Weymouth High School.

The Smith's Agricultural School in Northampton has not fully recovered its losses due to the war, but is returning to normal numbers and activities.

The agricultural school in the Newton Vocational School has shown marked improvement in enrollment and in effective instruction.

The instruction at Concord is like that of other high school departments. It is only for reimbursement purposes that it is listed as a school.

## HIGH SCHOOL AGRICULTURAL DEPARTMENTS.

*Day Classes.*

Fourteen high schools have given vocational agricultural instruction to 168 day class pupils.

Marlborough discontinued instruction in October. The demand here appears to have succumbed to the counter attractions and high wages of a busy manufacturing city, and to the pressure of the high cost of living felt at the homes of the boys.

Instruction at Worcester opened early in the year; and at North Attleborough, last September.

Recent rulings favorable to the smaller high schools in the rural districts where the boys live on farms are arousing interest. They promise both to strengthen these schools and to increase considerably the number of high schools giving vocational agricultural instruction.

Here, again, home projects are preferred and predominate. Every home farm tends to become a more and more effective part of the working outfit of the agricultural department which the pupil attends.

The project plan has sometimes been called a part-time plan of teaching agriculture. The part-time nature of the instruction becomes the more apparent where, as in suburban districts like West Roxbury and Newton, pupils work away from home afternoons, week-ends and during the summer, in greenhouses, on market-gardens and on private estates.

Project and part-time agricultural instruction, to the extent that they are different, ought to be made to supplement and check each other. The efforts of the Division of Vocational Education are to this end.

*War Emergency, or Unit Courses.*

Thirteen high schools have provided war emergency or unit courses, and vocational agricultural supervision extending over at least six months of the past year, for 5,371 persons over sixteen years of age. Effort was made to extend at least a little valuable assistance to the greatest possible number, in the interest of decreasing food shortage and reducing family outlay for the necessities of life.



In the future, efforts in such courses should, undoubtedly, take the form of more intensive educational service to relatively fewer numbers per center.

Much war emergency and unit course work has been done by the day class instructors in both high school departments and separate and county schools; but of their service and the persons they have reached no record, beyond mentioning the matter in this paragraph, has been made.

Unit courses promise to be of great use, and a record of all unit course efforts in the future may well be made.

### *Teamwork.*

Establishment of the agricultural teacher-training service has reacted favorably on agricultural teaching during the past year. This is markedly true in the cases of men who have been visited at their places of employment and aided on the spot in the solution of their teaching problems. Good teamwork between supervisor and teacher-trainer is essential to the success of such training of teachers already in service, and the best of teamwork has been in evidence.

An excellent spirit and effective methods of teamwork are being developed, also, between vocational instructors and extension workers. This is preventing duplication of effort and economizing expenditure of public funds in a field where twilight zones are unavoidable. It is found that neither can do a complete job alone; that the work of one is needed to supplement and support the work of the other. The service of the vocational instructors has been greatly strengthened by the generous co-operation of farm bureau and college extension men.

## FIELD OF INDUSTRIAL SCHOOLS FOR MEN AND BOYS.

### DAY SCHOOLS.

#### *General Conditions.*

All schools show increased enrollment in most of the departments. This increase is especially marked in the classes for woodworkers. During the war period building operations were completely stopped, and many carpenters secured employment

as machine operators in the production of war material at war wages. Immediately after the termination of hostilities the demand for carpenters both for building and repair work forced the wages for all woodworkers to such a point that there was an increased demand for training in that trade.

### *Master Programs.*

A careful compilation of data and analysis of the master programs of all the day schools developed a wide variation in the comparative amount of time devoted to the trade technical subjects, drawing, mathematics and trade science, and this analysis has been helpful in securing better trade instruction in several schools.

### *State Conferences.*

On Sept. 26, 1919, a conference for directors and instructors of machine-shop subjects was held at the Boston Trade School. There were forty-five teachers present. Mr. W. A. Pittendreigh of New Bedford presented "A Suggested Method of Instruction in the Machine Shop." The discussion on this paper was opened by Mr. Butterfield of Lowell. Mr. Hamilton of Beverly described the "Tool Crib Methods used at the United Shoe Machinery Company's Factory." The discussion on this matter was opened by Mr. Phillips of Springfield. These subjects were suggested by the teachers, and the discussions were held to five or six essential points on each subject. After the discussion on each point, a show of hands, pro and con, gave the consensus of opinion.

On Oct. 24, 1919, a conference for directors and instructors in woodworking was held at the State House. There were thirty teachers present. Mr. G. A. Burrige of Springfield presented "A Suggested Course of Study for Pattern Makers." The discussion of this subject was opened by Mr. Barney of Newton. Mr. Tilton of the Boston Trade School described the course in house carpentry in that school, and the discussion on this subject was opened by Mr. Brown of the carpentry department at the Worcester Boys' Trade School. The method of handling the discussions was the same as at the machinists' conference, and resulted in better co-ordination of ideas and effort in the several schools.

*Reconstruction Work.*

The State-aided schools have been used effectively for the work with soldiers and sailors placed therein by the Federal Board for Vocational Education. There are in training in these schools at the present time 251 such pupils.

*New Departments.*

At the Worcester Boys' Trade School and the Boston Trade School there have been added departments in automobile construction and repair.

At the Northampton School of Industries a department in sheet-metal work has been added.

*New Schools.*

At Southbridge a co-operative industrial school has been established in connection with the high school, in which the pupils are offered a machine-shop course conducted in co-operation with the American Optical Company, and a textile course in co-operation with the Hamilton Woolen Mills. In this school each alternate week is spent at the high school on trade technical subjects and English, civics and hygiene, and at the shops of the co-operating concerns.

A co-operative school in machine-shop work has been established at the Hyde Park High School, and a co-operative school in electrical wiring and care of electrical apparatus and machinery has been established at the Charlestown High School. Both of these schools are in Boston. In them, after the first year, the pupils spend one week in various trade shops, and the alternate week in the high schools.

They have been under supervision and have been approved by the director for reimbursement, beginning September, 1919. The development of this type of industrial education should have the most cordial encouragement and approval.

The Lynn Independent Industrial Shoemaking School, established last year, commenced active operation in September, 1919. The school is located in a school building equipped and furnished as a shoe factory. A director and five instructors have charge of the pupils. The first four months of the school's first year have demonstrated in practice what the sponsors of

the school have had faith to believe, — that a shoemaking school has a proper place in Lynn.

While the enrollment is small it has increased consistently since establishment, and the membership has persisted beyond that of most newly established schools.

### *Prospective Work.*

Through a movement originating with the Federal Board for Vocational Education, and in response to suggestions of the heads of motor power of the Boston & Maine and the New York, New Haven & Hartford Railroads, several plans for giving supplementary instruction in trade technical subjects and in civics and hygiene to railroad apprentices, through local school authorities, have been under consideration and discussion. The proposed time to be given to this class instruction is four hours each week for each apprentice. The spirit of co-operation shown by the local school authorities and the railroad officials and shop leaders indicates some practical and efficient solution of this problem in the near future.

The situation in all industries would appear especially favorable for part-time classes. The required initiative of local communities renders it difficult for the Division of Vocational Education to take advantage of this situation.

### EVENING SCHOOLS.

The war emergency demand for trained men has resulted in starting many new classes and extending the opportunity in automobile construction and repair, machinist practice and electrical courses. An instance of this is found in the evening trade extension classes at Lowell, which are conducted on six nights each week. In most of the school centers there are large classes.

### *A Necessary Improvement.*

The division should adopt a method that shall require a minimum of clerical work and be instantly available for keeping on file at each school a record of progress and accomplishment for every pupil in the evening classes. Some recent progress in this matter justifies the conclusion that the present year will see such a method firmly established in each school.

## FIELD OF INDUSTRIAL SCHOOLS FOR WOMEN AND GIRLS.

## DAY SCHOOLS.

*General Conditions of the Schools.*

*Attendance.* — The enrollment in September, 1919, indicated a return to pre-war figures, especially at the Boston Trade School for Girls.

*Type of Pupil.* — Reports show that the schools are attracting girls of broader general education.

*Age.* — The removal of the upper age limit of admission to membership in day school classes has made possible a continuance of the opportunity of trade training desired by the older women.

*Development of Courses.*

*Power-machine Operating.* — The demand for instruction in this line of work, stimulated by war conditions, has become more settled, but continues to be good.

*New Courses.* — Units in telegraphy were given satisfactorily to two classes at the Worcester Girls' Trade School. A new course in box making has been organized at the Boston Trade School for Girls. This has been done with the hearty co-operation of the manufacturers.

## EVENING CLASSES.

The evening industrial courses for women in power-machine operating and telegraphy, given at Worcester during the winter of 1918-19, have been discontinued because there was no demand for them. The Boston Trade School is conducting with continuing success the trade extension classes in machine operating, millinery, embroidery, trade design, catering, and dressmaking.

## FIELD OF HOUSEHOLD ARTS SCHOOLS AND DEPARTMENTS.

## DAY AND EVENING SCHOOLS.

*Review of General Conditions of the Schools.*

*Increased Attendance.* — With the opening of school in September, 1919, there was a general tendency toward an increased enrollment. This was especially marked at the Lowell Voca-

tional School and the Essex County Homemaking School. The Quincy Homemaking School had retained its normal enrollment during the war period. Other schools showed little or no increase.

*Change in Courses.* — The day household arts schools have continued to modify the content of courses to meet fluctuating conditions.

*Attention to the Home Project.* — With the value of home project work becoming more apparent each year, special emphasis has been placed upon its development. Summer projects were undertaken at the Essex County School. The Boston Continuation School conducted home projects for those girls who had "home permits." This work was so successful that it is being continued this year, with modifications based on the experience gained last year. Growth should be toward the longer project developed in a comprehensive manner, with due consideration of its economic side.

### *Special Studies.*

*Analysis of Master Programs.* — During the year the master programs of all the schools were analyzed as to time allotment, range of subjects, and provision for home project work. Recommendations were sent to the various schools as to ways of improving their programs.

*Improvement of Content of Courses.* — In co-operation with the teacher-training section, committees, under the leadership of directors and supervisors, have formulated helpful and thoughtful reports as to the minimum requirements for courses of study in the day household arts schools. It is hoped that a careful trial of these preliminary reports will lead to needed revision of courses, so that they will be best adapted to the needs of the students.

### *Establishment of Schools as Departments in High Schools.*

In order to broaden the vocational opportunity for girls and women over fourteen years of age, it was decided to co-operate with local communities in the establishment of State-aided household arts schools as departments in high schools. Booklet

No. 6, containing suggestions as to organization of such departments, was prepared and distributed. This was followed by a survey (not yet completed) of existing departments in high schools. Fall River is the first city to take advantage of this opportunity, and has put its household arts course on the basis of a State-aided vocational household arts department. Boston is just about to establish such a department at the Practical Arts High School.

### *Tendencies of Growth.*

*Evening and Day Practical Art Classes.* — (See under "Evening and Day Practical Art Schools.")

*Independent Schools or Schools as Departments in High Schools.* — From conferences with local school authorities it appears that in the future there will be more day household arts schools established as departments of high schools than as independent schools.

*Household Arts Work in Continuation Schools.* — With the establishment of continuation schools, adequate provision should be made to offer courses in homemaking to the girls enrolled therein.

## EVENING AND DAY PRACTICAL ART SCHOOLS.

### *Development of the Work.*

*General Increase in Attendance.* — Almost without exception the evening practical art schools had large registrations this fall. There were 429 classes as against 271 at the same period the year previous.

*New Schools.* — In the school year 1918-19 the following places were added to the list: Essex County, Haverhill, Mansfield, and Stoneham. The places added during the fall of 1919 were Beverly, Waltham, and Worcester public schools. Brookline and Lynn have made request that the division take over their practical art classes beginning Jan. 1, 1920, and Norfolk County plans to organize practical art classes in millinery in the spring.

*Subjects receiving Special Attention.* — As a direct result of the influenza epidemic many classes were conducted during 1918-19 in home nursing. Not all of these classes in this subject are

being conducted now. But most of the places which had them last year have at least one class this year.

Several child welfare units were organized and conducted last year.

A marked interest in millinery is evident this year.

*Day Classes.* — The number of day classes is steadily increasing; the city of Worcester has about forty. Other places which conduct day classes are Essex County, Gloucester, Holyoke, Lawrence, Leominster, Mansfield, New Bedford, Newton, Plymouth, Taunton, and Weymouth. This branch of the work should always be encouraged.

### *Improvement of Records.*

*Unit History Card.* — The revised form of the unit history card has the facts arranged in a more compact form.

*"Blue Sheet."* — The blue sheet for reporting the attendance by units has been rearranged to conform to the Vital Statistical Returns, and is now being printed. This puts it in the permanent form suggested by three years of experimentation.

*Blank N.* — This blank is in process of revision. It is the blank upon which courses of study are proposed for the approval of the division. It is being revised so as to follow the form of the unit history card mentioned above.

### *Flexibility of the Work.*

*Classes conducted by the Counties.* — Essex County School has conducted practical art classes both at the school and in small communities.

Norfolk County School is now organizing groups for millinery classes.

During the year the Worcester County Farm Bureau approached the division with reference to securing for its own county service similar to that in Essex and Norfolk Counties. Representatives of the Farm Bureau agreed to refer any definite requests that they might receive to the local school authorities and to this division.

*Co-operation with the Red Cross.* — A definite understanding has been arrived at with the Red Cross as to giving Red Cross



courses in home care of the sick or first aid. The pupils of the practical art classes appreciate receiving the Red Cross certificate.

*Co-operation with the University Extension Division.* — During the year 1918-19 four classes in cookery were conducted in Mansfield in co-operation with the University Extension Division.

### *Local Supervision.*

*In General.* — A most important factor in the organization of evening practical art schools is adequate local supervision. This is becoming more vital as the work grows and so much of the State supervisor's attention has to be given to the new places. Every place having twenty classes or more should have a supervisor or assistant director on full time.

The cities that have several large centers would do well to do as Fall River has done, *i.e.*, have a head teacher for each center, who may or may not have a class of her own.

*In the Smaller Communities.* — This problem may be solved in the small places as in Methuen. The superintendent has delegated much of his responsibility in this matter to his clerk, who has had some home economics training.

Several of the places employ a supervisor on the *per diem* basis, which is more or less satisfactory.

There are, however, several places which have no regular supervision beyond that which the already busy superintendent can devote to it. For some of these places a supervisory union might solve the problem.

### **Subdivision of Vocational Teacher-training.**

Teacher-training in the various fields is reported upon by the respective agents in charge. The statistical data covering this subdivision will be found in Table 8 on pages 254 to 258.

### ALL FIELDS.

Prejudice against training courses for vocational teachers seems to be disappearing. Tradesmen and tradeswomen are now realizing, what schoolmen have been slow to accept, that teaching is itself an occupation requiring skill, and that training is the way to the attainment of that skill. If the short teacher-

training courses thus far given had done nothing more than to bring about this respectful attitude on the part of trade teachers at the outset of their teaching careers, they would certainly have been worth while.

The demand for trained vocational teachers has also received a decided impetus from the experience of industry during the war. There are still in positions of influence those who think teachers were born and do not need to be made, and who belittle the process of training, but the larger industries have evidently been impressed with the superior efficiency in the war emergency of those born teachers who had also been trained. There are increasing demands for industrial foremen trained in teaching methods, and requests are coming from large establishments for the opening of classes to train foremen to have charge of apprentices. Since the State is not yet prepared to embark upon this work on so large a scale, many concerns are employing teacher-training instructors at their own charge, and instructors engaged in teacher-training work are being called away from the State service to conduct similar work for private concerns, usually at salaries quite above those of the men who prepared them for this service.

On the part of vocational school trustees and directors too, there is apparent an increasing respect for the training courses. Not only is preference being given to graduates of these courses when new teachers are appointed, but in some communities provision is made by the authorities for the training in service of such teachers as they must of necessity employ without previous training. This is particularly necessary in the case of evening school teachers, who often must be persuaded to teach, and who cannot at the same time be required to give time to training for teaching. This is even more true of the most desirable ones than of those to whom evening pay is looked upon as a species of prize money.

Worcester, which carries on evening industrial classes four evenings per week, employs its untrained teachers for only two nights in order that they may attend training classes the other two, holding out the inducement of four nights for them after they are trained. Lawrence, last season, raised the pay of such teachers to make it equivalent to paying for the one night per

week they attended a training class. Either of these plans is not only a legitimate but almost a necessary recognition on the part of the community of its responsibility to provide trained instructors for its classes.

As appears from the reports of the special agents, the problem of training teachers differs widely in the several fields of agriculture, trade and industry, and home economics. They differ in the sources to which the division must look for recruits to the teaching force, and consequently in the conditions under which training must be given, and in the length and kind of training it is possible and desirable to give. Successful practitioners are of course to be sought as teachers in each case. But successful farmers have too much invested to be able to leave their farms to take training, or even to teach without training. The division must look to their sons who have shared their farming experience, and who, if taken at an early age, may perhaps be induced to pursue a course at the Massachusetts Agricultural College to prepare them for teaching. Successful tradesmen, on the other hand, may be persuaded to turn from their trades to teaching their trades, but cannot give up earning long enough to pursue an extended course of training. Since they already know their subject-matter, they may be trained for teaching in briefer courses, given evenings while they pursue their trades during the day. Successful homemakers can be diverted from the pursuit of that profession to become teachers only by a tragedy, and the opposite change is much more frequent. For recruits in this field the division must look either for house daughters as for farmers' sons, — supplementing their home experience with extended training in those skilled occupations involved in homemaking as well as in the theory and practice of teaching, — or for persons skilled and experienced in those occupations, supplementing their occupational experience by evening courses in methods of teaching, as in the case of trade teachers.

Hence, for the preliminary training of teachers of agriculture, a course was inaugurated this year at the Massachusetts Agricultural College; for teachers of trades, evening classes were located where available persons were found at work; and for home economics (a combination or alternation of these two

plans), for one type of recruits, an extended course of training was established this year at the normal school at Framingham; and for the other type, evening classes were established here and there near the places of day employment.

Thus far the training of agricultural teachers has necessarily been wholly by visit and correspondence, or by brief courses at the county schools or the Massachusetts Agricultural College after they were actually in service. It does not lend itself readily to tabulation. In the other fields the training last year was wholly in evening courses or brief summer courses, usually about eighty hours in length, as set forth in Table 8 on pages 254 to 258. All the courses were given for the purpose of training vocational teachers, but those dealing with the theory and practice of teaching, designed to introduce the beginner to the teaching service, are indicated as strictly teacher-training courses, while those designed for the improvement of teachers already in service, and which may have dealt with either general or special method, or, in some cases with subject-matter, are indicated as professional improvement courses.

The training courses go pretty directly to the art of teaching, and, dealing as they do with persons already thoroughly grounded in practical experience of the vocation they are to teach, they afford a training in the teaching process quite as effective in actual practice as more extended and more varied courses given to younger persons lacking this vocational background, such as are found in normal schools for training academic teachers. These courses necessarily lack somewhat in breadth, — a lack which is being made up as far as possible by professional improvement classes, and by the requirement of some form of professional improvement on the part of all teachers.

During the school year 1918-19 the vocational teacher-training staff gave initial training to 240 teachers, of whom 130 were men and 110 women; gave to 113 other women the first half of a training course to be completed during the following season; and gave courses for further training to 286 teachers already in service.

This does not include the agricultural teachers, of whom 15 or 20 received initial training and 50 or more were assisted in professional improvement. Nor does it include classes maintained

during the war for the training in teaching methods of foremen and forewomen for industrial establishments, in which about 70 such persons were enrolled.

Of the persons thus trained (except the 70 last named) practically all have found teaching positions, or soon will find them,—some in evening schools only, some in vocational day schools, some in manual training or household arts positions in public schools, some in vestibule schools conducted by industrial establishments.

In the death of John P. Casey of Worcester the State has lost one who contributed largely to the cause of vocational teacher-training. Mr. Casey not only served as an instructor of training classes, but rendered large service in the counsels of the instructing staff. He was thoughtful, original, and practical, and warmly appreciated by his associates.

## FIELD OF AGRICULTURAL SCHOOLS AND DEPARTMENTS.

### IMPROVEMENT OF TEACHERS IN SERVICE.

There is still a considerable proportion of the teaching staff that has had inadequate training either in technical agriculture or in professional educational subjects. During the last year these men have been assisted in a variety of ways.

As many visits as possible have been made to each school for the purpose of assisting the teacher at his work. The number of these visits varies with the needs of the men, the local problems arising, and the opportunity for assisting in other ways.

Teacher-training classes have been held at the schools in Essex, Bristol, and Norfolk Counties, in co-operation with the directors, for the improvement of the teaching and the solution of teaching problems. These classes have been of the Round Table type, and have usually followed a day's visit to the classes under consideration.

Professional improvement classes have been held both in summer and in winter at the Massachusetts Agricultural College for the limited number of men, averaging about twelve, who could devote a short time to an intensive study of special methods, supplemented by technical agricultural study.

For all of these men a careful "follow-up" by correspondence has been found to compensate for the very brief time available for individual visits or unit courses. A duplicated staff letter has carried general messages to these men with some regularity. Individual requests for assistance have been numerous and have called for much time. The departments at the college have co-operated whenever the assistance needed was of an agricultural nature.

Every man has carried a special "professional improvement" project. Most of these projects have been chosen and carried on in the proper spirit. An attempt has been made to supplement the man's qualifications along the line of his greatest need. The directors of the schools have been very helpful in securing the most desirable type of improvement.

The summer conference held last summer by the agents for agricultural supervision and for teacher-training brought to the men an opportunity for improvement in a variety of ways. Leaders in agricultural education led in valuable discussions, and the observation and discussion of projects proved instructive.

Lantern slide sets and other aids for teachers have been obtained and circulated among the schools.

#### THE SUPPLY OF NEW TEACHERS.

The list of available candidates is being filled from two main sources, — students in training at the college, and miscellaneous candidates with varied qualifications discovered in the field of agriculture and education.

The Massachusetts Agricultural College selected W. S. Welles of Wisconsin as professor in agricultural teaching, who began his services in September. As nothing definite had been promised the students before that date few were prepared to take full advantage of the new courses. At present there are nearly thirty juniors and seniors enrolled in courses in general and special teaching methods, and a number of graduate students are seeking advanced training.

From the group there was but one student whose schedule would permit absence for a term of apprentice teaching. This student spent the fall term as an apprentice at the Reading

High School, with results very satisfactory to all concerned. Other students are arranging their schedules so as to gain this apprenticeship later.

The register of candidates is being supplemented by partly qualified teachers who may be put into service with short training, but these men cannot always be obtained quickly when vacancies occur. The register includes, besides men enrolled at the college:—

(a) Agricultural teachers in near-by States who wish to get into the Massachusetts service. Some of these are well qualified, but usually will not change their positions during the school year.

(b) Teachers of science and other subjects who have farm experience but need technical agricultural study. Occasionally they are strong candidates.

(c) Men in agricultural occupations. They are usually very hard to attract, especially if they are successful, and if they have invested money in farm and stock. Younger successful men who have not yet invested heavily are occasionally interested in the teaching proposition when salaries are adequate.

The State agent, in accumulating lists of such prospects, strives to get the best men into the service. Since students are now carefully preparing themselves for this service, it is probable that the supply of well-trained candidates will soon come largely through the college departments.

#### FIELD OF INDUSTRIAL SCHOOLS FOR MEN AND BOYS.

Training teachers for industrial schools is no longer an experiment in Massachusetts. An efficient organization is now doing a definite work and rendering a distinct service to the vocational schools. The number of training centers and the statistics of the work are shown in Table 8 on pages 254 to 258.

Experience seems to show that best results are obtained by a course of at least one hundred and eighty hours covering two years for tradesmen who intend to become instructors, the first part of the course, 50 sessions of two hours each, to be given previous to employment, and the second part, 40 sessions of two hours each, to be given during the first year of employ-

ment. The first group of second-year trade teachers is now being instructed in Boston, including men from Lynn, Somerville, Quincy, and Boston. Some changes in the course of study have been made and several new topics added, but in general the work is being conducted as outlined in previous reports.

An effort has been made to improve the practice teaching, dividing the classes during the last ten weeks into two groups, the groups alternating between class work and practice teaching each week.

The corps of teacher-training instructors is being recruited by employing assistants in the training classes who may in this way be developed into successful instructors for such classes. Several interesting experiments in teacher-training in industrial plants were carried on during the spring of 1919, notably at Framingham, Worcester, and Clinton.

No small part of the teacher-training work is the placement service. Two-thirds of the new teachers employed by the vocational school authorities during the past year have been secured through the division from the file of teacher-training students. The agent's personal acquaintance with the men in training enables him to be of assistance in the selection.

Recognizing the inadequacy of teachers' salaries, nearly every community has granted substantial increases to its vocational teachers. The average increase over December, 1918, for instructors in thirteen vocational day schools is \$336. Department heads and directors were also given increases. This has stimulated enrollment in our teacher-training classes, both as to numbers and caliber of applicants.

The outstanding feature of the industrial teacher-training work was the summer training course, the first of its kind in Massachusetts, given at the Boston Trade School from July 7 to July 18, inclusive. Courses in methods of teaching, administration and supervision, related work, drawing, English and mathematics were offered. Fifty-four instructors and directors attended the session. Daily assemblies, addressed by leaders in various fields, were a feature.

On May 9 a State-wide convention, attended by all the teachers and directors of trade and homemaking schools in the State, was held in two sections at the Boston Trade Schools for



Boys and for Girls, with a joint banquet in the evening. General meetings in the morning were followed by group conferences in the afternoon.

#### PROFESSIONAL IMPROVEMENT.

The agent has made frequent visits to the schools and has assisted the instructors "at their work." Group conferences have been held with the teachers in Boston, Beverly, Cambridge, Quincy, Lowell, Somerville, Springfield, Lawrence, Holyoke, New Bedford, and Worcester, at which local difficulties have been discussed and definite plans for professional improvement outlined. Helpful material has been sent the men, and a follow-up scheme has been put in effect.

Much concrete work is being done in this line this year by the teachers in day and evening industrial schools. Their attitude toward this requirement has materially changed, largely because of the definite character of the work accomplished through the classes for professional improvement conducted under our direction.

This year professional improvement classes are being conducted in most of the large centers.

The continuation school men are meeting two hours a week for intensive discussion of continuation school problems. The valuable courses of instruction contained in the recent Continuation School Bulletin are a direct result of the work done in last year's professional improvement class.

In Worcester two professional improvement classes are being conducted, — one for improvement in English, the other for improvement in mathematics, every man being enrolled in one or the other.

In Springfield an interesting class is being conducted in English and mathematics, enrolling all of the local instructors and a few from Holyoke. The Chicopee evening men are all enrolled in the Springfield teacher-training course.

In Beverly a course in blackboard sketching is to be given. In Cambridge and Lawrence the men will devote ten evenings to an intensive methods course. A course in boiler room science at New Bedford will take care of several men there, and the evening instructors at Fall River are taking the teacher-training

course conducted by the division at the Bradford Durfee Textile School. New men at Lowell, Worcester, Springfield, Boston, and near-by schools are enrolled in the regular teacher-training classes.

#### FIELD OF INDUSTRIAL SCHOOLS FOR WOMEN AND GIRLS.

Teacher-training work conducted for State-aided industrial schools for women and girls for the year ending Dec. 31, 1919, has included a number of phases.

#### PRE-EMPLOYMENT.

A class for trade women was conducted at the Boston Trade School for Girls, July 6 to August 1, by Miss Florence E. Leadbetter, director of the school, and Miss Louisa I. Pryor, agent in charge. The course included a consideration of the aims and methods of industrial education. Discussion was based upon observation and practice teaching.

#### PROFESSIONAL IMPROVEMENT.

*Boston Trade School for Girls.* — The teachers have done individual work covering in the aggregate a wide range of activities, as special investigations, courses at colleges and universities, and actual experience in the trade.

*Worcester Girls' Trade School.* — The teachers attended a course of lectures on the "History of Industrial Education and its Relation to General Education," given by William D. Parkinson, agent in charge of teacher-training. Excellent reports were rendered by them at the end of the course.

#### EXAMINATIONS.

The agent in charge has attended the annual Boston examinations for teachers for State-aided industrial schools, and also the teaching demonstrations given by the candidates.

#### FIELD OF HOUSEHOLD ARTS SCHOOLS AND DEPARTMENTS.

##### DAY SCHOOLS.

The teacher-training work for day household arts and girls' continuation schools has concerned itself with the selection and training of instructors for teacher-training classes, and the

organization and supervision of these classes; the selection, training, and recommendation of prospective teachers, including the organization, establishment, and supervision of the course for teachers of vocational household arts at the Framingham Normal School; the training of teachers in service through organized courses and by personal supervision of the teacher in her work; conferences and the convention.

All instructors who have been trained for teacher-training work fulfill the minimum qualifications for vocational instructors, possess the vocational viewpoint and knowledge of vocational education, and have shown ability as teachers. Each prospective teacher-training instructor in training has been required to serve an apprentice period under a trained instructor.

All teacher-training classes, conducted at various centers throughout the State during the school year and in a two weeks' summer session at the Hyannis Normal School, included both employed teachers and pre-employed candidates, and gave to teachers in service the opportunity for special professional training. The work in some centers is extending over a two-year period, making the training more pertinent to the teacher's particular needs, as determined by the teacher-training agent's observation of her work. Employed teachers are visited before, during, and following the teacher-training work, that each may be helped in her application of the principles discussed in the training class. Successful vocational and teaching ability must be evidenced before statement of completion of teacher-training work is granted. (For details of itinerant classes note tabulations on pages 254 to 258.)

Each teacher-training class and instructor has been observed and supervised by the agents. These observations and the reports of the class instructor make possible adequate records of the qualifications and probable success of each applicant, and are used as the basis of recommendation when requested by local authorities.

#### *Framingham Training Course.*

The resident training course for teachers of vocational household arts was opened at the Framingham Normal School in September, 1919. The course, three years in length, but with special provision for one year's training in case of mature persons

of exceptional vocational experience, is designed to equip qualified women as teachers of homemaking in accordance with the requirements of the Federal Board for Vocational Education and the Massachusetts law relating to State-aided vocational schools. It emphasizes the project method of instruction, and accordingly provides a large measure of actual practice in the trade and in the Vocational House, and of teaching practice in vocational and other schools, in order that instruction in subject-matter may start with its immediate relation to practical experience, and includes theory and practice in both homemaking and teaching.

*Professional Improvement.*

All teachers have satisfactorily fulfilled their professional improvement proposals for 1918-19, and in many instances those for 1919-20. The teacher-training agent has personally consulted with practically every teacher, and advised with each director of the school as to the work which would be of most value to that particular teacher. It is significant that every teacher in day household arts schools and the Girls' Continuation School at Boston has been reached through an organized course. In addition, some of our teachers studied at higher institutions or re-entered the trade during the summer of 1919.

The agents of supervision and teacher-training have presented to directors a plan for improving courses of study now in use. Each director as chairman of a committee of teachers has considered and reported upon one or more subjects of the curriculum in a conference of directors. These suggestive tentative outlines of courses after trial use during 1919-20 will be discussed at later conferences.

During 1920 it is planned to continue the same kind of training as above presented, to extend the summer training session at the Hyannis Normal School to three weeks, and to promote training of teachers of girls in continuation schools.

The joint convention for teachers of trade and industry and home economics proved of help and inspiration to the large delegation of teachers of women and girls. The program for the women's section was arranged with a general session in the day, followed by Round Table discussions for different groups, and a banquet for both men and women in the evening.

## EVENING AND DAY PRACTICAL ARTS SCHOOLS.

The teacher-training classes for practical arts teachers are designed to reach promising trade candidates, and to give them both theory and practice for teaching in vocational evening or day schools. The candidates qualify as tradeswomen from the following trades or home occupations: cookery, dressmaking, millinery, nursing, embroidery, and power-machine operating.

The course as now maintained is eighty hours in length, twenty hours of which are devoted to practice teaching in evening school centers under the supervision of the local director or an agent of the Department of Education. Wherever possible, opportunity for practice teaching is given before the end of the training. This provides experience to be used as a basis for class discussion.

Because of the unusual demand for these teachers the majority of students in the training classes who have shown teaching ability have been placed immediately in permanent evening teaching positions four hours a week, and they have then continued to attend teacher-training classes four hours a week.

During the summer of 1919 a training class was conducted at the Hyannis Normal School for graduate nurses who wished to qualify as instructors of home nursing in evening or day schools. Through the courtesy of the Department of Health, arrangements were made for members of that department to discuss and outline with the nurses suitable subject-matter for courses to be given in evening schools. In connection with this training a class of Hyannis women was formed similar in organization and membership to those which the nurses were preparing to teach. It afforded opportunities for practice teaching to members of the teacher-training class. The entire responsibility for the instruction of this class was delegated to members of the teacher-training class.

Arrangements have been made for continuance of this training for evening teachers through the establishment of classes in the large centers and a summer class at the Hyannis Normal School. This plan will provide trained teachers for all existing and proposed centers.

*Professional Improvement.*

All evening practical arts teachers have satisfactorily fulfilled their professional improvement proposals for 1918-19.

The professional improvement for evening practical arts teachers is influenced somewhat by the location of, and number of teachers employed in, the center.

For teachers in large centers two different types of courses have been given, — a teacher-training course covering a period of eighty hours, and a professional improvement course covering a period of twenty to twenty-five hours, dealing with the problems of evening practical art teaching.

Teacher-training courses deal with the art of teaching. Professional improvement courses cover manipulative phases of the trade taught.

In small centers, where special courses cannot be provided, teachers avail themselves of such opportunity as may be open to them. These opportunities embrace work of specific value to the teacher in her classes; contact with the trade for new experiences; approved courses at summer schools; University Extension courses; and attendance at summer sessions of teacher-training classes conducted by the subdivision of teacher-training.

**Subdivision of Administration.**

## ALL FIELDS.

During the past year there has been an endeavor to make regular monthly or bi-monthly visits to the schools. On these visits various records have been checked up.

These records are grouped as follows: —

1. Financial.
2. Vital statistical.
3. Trade or occupational.
4. Productivity.
5. Life history.
6. Non-resident.

This frequent visitation has made it possible to pass upon questions of financial records at a time when the matter is

fresh in the minds of all those concerned and to check the school pay rolls.

Arrangements have been made with the local treasurers and auditors for the proper handling of the Smith-Hughes money, in order that it shall be treated as a fund separate from local revenue, and that there shall be on file in the local communities pay roll records in terms of individuals to whom the money is paid.

A scheme of reporting by the schools, in four-week periods, on enrollment and attendance, has been found necessary in order to have readily accessible information regarding these factors. This record will prove to be of great value in compiling the statistical reports for any period. It also insures starting the life history record of pupils. Considerable progress has been made in bringing up to date the life history records of those pupils who have been in attendance at the vocational schools of the State.

The frequent checking of trade or occupational and productivity records has been the means of keeping these records up to date.

A prescribed method of figuring and billing non-resident tuition has been given to the schools. This has made possible a frequent checking of tuition bills and non-resident enrollment, thereby avoiding the possibility of a school billing for a non-resident pupil who has not been properly approved. Often in the past this fact was not discovered until the time of filing the annual returns.

Much routine work is entailed in this list of activities, and the value of much of this work will be more readily apparent in the future than it is now.

#### FIELD OF CONTINUATION SCHOOLS.

State-wide compulsory continuation schools have been authorized by the enactment of chapter 311, General Acts of 1919.

#### THE ESSENTIAL PROVISIONS OF THIS CHAPTER.

When this act is accepted by a town (city) which had within its limits during the last calendar year 200 or more minors under sixteen years of age regularly employed during the time

schools were in session (*i.e.*, left school to go to work), by authority of employment certificates or home permits, any such town (city) is required, and any other is permitted, to appropriate money before September 1 of each year for the use of the school committee, board of trustees for vocational education, or both, in establishing and maintaining continuation schools to be opened at the beginning of the next school year, and kept in session the same number of weeks as the high school. The sessions are to be between 8 and 5 o'clock on working days, except Saturday.

While employed, minors described above who are under sixteen years of age when the schools are established must attend continuation schools in the city or town of employment, subject to so much of chapter 44 of the Revised Laws as is consistent with this act, at the rate of not less than four hours per week, until they are sixteen years of age. When temporarily unemployed (between jobs) they must attend continuation schools (instead of being returned to the regular schools) at the rate of not less than twenty hours per week. Time spent by a minor in a continuation school is reckoned as a part of the time minors are permitted by law to work.

Established educational agencies, and any suitable quarters approved by the Department of Education, may be utilized. Wherever established these continuation schools are part of the public schools.

Cities and towns conducting approved schools will be reimbursed by the Commonwealth to the extent of one-half the total sum raised by local taxation, and expended for maintenance of these schools.

Duplicates of employment certificates issued for work elsewhere than in the town of residence must be sent to the superintendent of schools in the town of employment.

Subject to penalty, an employer must cease to employ a minor when notified of his non-attendance by the superintendent of schools in the town where he is employed. The superintendent who issued the employment certificate may revoke a certificate of a minor for failure to attend continuation schools.

A town which neglects or refuses to appropriate the money



necessary to establish and maintain continuation schools will forfeit from funds due it from the Commonwealth a sum equal to twice that estimated by the Department of Education as necessary, three-fifths of which will be paid to the school committee of the delinquent town, to be spent for establishment and maintenance of continuation schools.

The acceptance of this act was provided for by referendum to the citizens of the Commonwealth in each municipality at the State election in November, 1919. The results of this vote are as follows:—

*Results of vote on referendum.*

	Yes.	Per cent.	No.	Per cent.	Blank.	Per cent.	Adopted by —	Re-jected.	Number of different employment certificates and home permits (minors 14 to 16).
Group I (cities), .	215,328	60.5	35,648	10.0	106,576	29.5	38	—	32,650
Group II (towns of 5,000 population or over), . . . .	61,620	56.3	8,958	8.2	38,838	35.5	75	—	8,589
Group III (towns of less than 5,000 population and maintaining high schools), . . . .	19,096	47.5	3,457	8.5	17,666	44.0	115	—	1,896
Group IV (towns of less than 5,000 population and not maintaining high schools), . . . .	9,311	47.6	1,922	9.8	8,337	42.6	125	1	1,133
Total, . . . .	305,355	58.0	50,985	9.6	171,417	32.4	353	1	44,268

It will be noted that, in the towns (cities) principally affected by the provisions of this law, 60 per cent of the ballots cast in the election and 85 per cent of all the persons voting upon the question were in favor of accepting the law.

#### WHAT ARE COMPULSORY CONTINUATION SCHOOLS?

They are schools for employed minors fourteen to sixteen years of age. While employed, these minors are required to attend these schools at least four hours each week. During un-employment (between employments) these minors are required to attend these schools at least twenty hours each week.

## WHAT IS THE ARGUMENT FOR THEM?

Many boys and girls at the age of fourteen leave school to seek employment. The entrance of boys and girls into regular employment is at present largely a matter of chance, — the result of parents' ill-formed ideas, companions' caprices, or the pupils' whims and fancies, rather than intelligent choice. With meager education, little industrial intelligence, and no vocational training these minors are ill prepared for life.

No forms of activity into which they may go are wholly lacking in educational qualities, but in many of these activities the opportunity for development is soon exhausted. If they could spend a part of their time in school continuing their education they could profitably spend the rest of their working time in any form of industry.

Employed minors fourteen to sixteen years of age should be afforded opportunities to continue their general education; they should be helped to make an intelligent choice of occupation, and enabled to secure vocational training adapted to their special needs. The continuation school as a public educational agency is designed to perform these functions.

## WHAT IS IT HOPED THAT THESE SCHOOLS WILL DO?

It is hoped that they will afford these minors an opportunity to continue their general education and become more intelligent citizens.

It is hoped that they will help these minors to get the most out of their immediate employment; will prevent so much drifting in industry; and will save time lost through unemployment.

It is hoped that they will reduce the number of juvenile misfits by helping these minors to make more intelligent choice of occupations; will advance them from unskilled to skilled trades.

It is hoped that they will establish co-operative relations between the schools and the employers.

## WHAT MUNICIPALITIES MUST ESTABLISH THESE SCHOOLS?

All except one town in the Commonwealth accepted the act. Therefore all places having over 200 employed minors described by the act are required to establish these schools. In order to

determine whether 200 or more minors under sixteen years of age were employed within the limits of a city or town during the last calendar year, January 1 to December 31, the Department of Education will ask for a report upon this matter annually from all cities and towns. The following information should be collected during the year and be available at the close of the calendar year for the annual report: —





### PLANS.

Plans for conducting these schools, set forth under the head of the statutory approval factors, should be filed with the Department of Education for approval in advance of establishment and at as early a date as possible. Preparation of the plans should be taken up at an early date by the director. Special forms to be used should be supplied by the Department of Education.

Special accounts with these schools should be kept on the special ledger sheets provided by the Department of Education. Although reimbursement is for one-half the maintenance cost, such cost is from money raised by local taxation and expended. This excludes reimbursement on private funds, benefits, or receipts other than those from local taxation. In effect, this is the net maintenance sum described in chapter 471 of the Acts of 1911. Maintenance is a technical term; it does not include original outlay for buildings or equipment or rental. It does include upkeep.

### A DIRECTOR.

One of the first steps to make this law effective is the appointment of a suitable director in each town (city) to take charge of organizing and establishing continuation schools.

The Department of Education is prepared to conduct training classes for directors whenever it is advisable.

### TEACHERS.

Suitable teachers should be selected and trained in advance of the opening of these schools in September. The Department of Education is prepared to offer this training. Teachers should be employed for service and placed upon the pay roll not later than August 1, conditional upon their attending a summer course which will be conducted for training teachers. Other courses for training teachers will be established as they become necessary.

There is no supply of trained teachers for these schools. Successful continuation schools depend entirely upon teachers possessed of vision, imagination, and large human sympathies as

well as teaching skill. Young and adaptable teachers, familiar with the problems of the young "wage earner," will make the most successful instructors.

Liberal salaries should be paid these teachers. The State pays one-half the salary to insure this and to enable towns (cities) to secure competent teachers.

#### SMITH-HUGHES REPORT.<sup>1</sup>

The Auditor was requested to place upon his certificate for payment from the Federal funds available for distribution in August, 1919, the amounts indicated in the table on pages 252 and 253. All of these items were distributed for itemized expenditures agreed upon in advance. Each school receives that proportion of the fund available which its expenditure for salaries of teachers bears to the total expenditure for salaries of teachers in vocational schools in the State, provided that said proportionate part of the funds disbursed to any school in the last annual distribution shall have been used for a purpose definitely agreed upon by the Department of Education and the school concerned.

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<sup>1</sup> Last reported Federal Year, 1918-19.

## **UNIVERSITY EXTENSION.**

### **Americanization.**

The Division of University Extension since its establishment in 1915 has offered five courses designed to be of immediate interest and assistance to the foreign-born residents of Massachusetts. There is a series of three short-unit practical courses: English for New Americans, Civics for Naturalization, Civics for Americans of Foreign Birth. Other courses of indirect benefit to the foreign-born are Methods of Teaching English to Immigrants and Americanization-Organization and Supervision. The two latter courses are for teachers of immigrants. These courses were prepared to meet a need which had been demonstrated before the World War stimulated the present interest in Americanization.

### **Administration of the Americanization Act.**

The Massachusetts Legislature passed as an emergency measure in the session of 1919 an act "to promote Americanization through the education of adult persons unable to use the English language" (Chapter 295, General Acts of 1919). By the terms of this act the State of Massachusetts, acting through the Division of University Extension of the Department of Education, undertook to bear half the cost of maintenance of classes organized in cities and towns for the purpose of teaching English and citizenship to non-English-speaking adults. To provide for the necessary expenses of administration the sum of \$10,000 was appropriated for the remainder of the fiscal year. It was expressly provided that cities or towns desiring to obtain the benefits of this act should conduct their educational work in conjunction with the State Department of Education. The Department was given power of final approval with reference to teaching facilities. All classes operating in accordance with the provisions of chapter 295 were to be under the control of local school committees, but these classes might be held either in the evening schools, in factories, or in other places approved both by the local school committee and by the Department.



In order to carry out the provisions of the act, the Commissioner of Education, in September, 1919, released John J. Mahoney from his duties as principal of the Lowell Normal School, and appointed him supervisor of Americanization, to serve for one year. An experienced worker with immigrants was named to assist the supervisor. During the past three months these two officials have been engaged in the task of stimulating Americanization activities under public direction throughout the State. The supervisor has visited nearly all the large cities and many of the towns for the purpose of informing superintendents about the organization of educational facilities, and of awakening and further stimulating interest in the subject of Americanization. The work of the supervisor's assistant has been to prepare teachers in various localities for better classroom work and to supervise classroom instruction. Several conferences have been held in different sections of the State with groups of superintendents of schools. The most important of these took place in the State House on Nov. 13, 1919. This conference was attended by sixty superintendents and directors of immigrant education. As the whole subject has been heretofore discouragingly vague, it is hoped that through such meetings public school workers in Americanization will soon come to a clearer vision of their task.

It is too early to make any accurate statement of accomplishment. Numerous cities and towns, however, are this year earnestly seeking ways and means of getting the immigrant into school. Of the 38 cities in Massachusetts, 34 have accepted the provisions of chapter 295, and organized classes for the instruction of the adult immigrant in conformity with its provisions. To date, Jan. 1, 1920, 29 towns which may be regarded as having immigrant problems have accepted the provisions of the act. In the smaller communities lack of money available during the present year has caused delay in undertaking what might be termed an "extra" educational activity. With the opening of the new fiscal year, it is to be hoped that the situation may be improved in these smaller places. The promise of 50 per cent reimbursement from the State should prove an inducement to communities which hitherto have not made adequate provision for the immigrant problem.

The stimulating effect of the act may be more clearly seen by a comparison of this year's statistics with those of last year. In December, 1918, the number of students in Americanization classes was 3,281, whereas in December, 1919, the number of students in such classes was 9,030. At the close of 1919 the number of classes operating under the provisions of chapter 295 was 653; of these, 300 were newly formed.

The most encouraging feature of the Americanization movement during the past three months has been the great interest manifested by many communities of Massachusetts in the establishment of classes in the industries and of day classes for immigrant women. In the past, the evening school has been relied on as the only medium for schooling the immigrant. It is now recognized that classes in industry and special classes for women should form part of any adequate Americanization scheme. Of the 653 classes mentioned above, 131 were factory classes and 74 were classes for women. It is worthy to note that with very few exceptions every community that has accepted the provisions of chapter 295 is conducting factory classes or mothers' classes, so called, or both. The promise of future achievement herein implied is significant.

#### **Americanization Courses at Hyannis Normal School.**

In 1918 arrangements were made with the Hyannis Normal School to offer two five-week courses on methods of teaching immigrants at the summer session of that school. The courses were given by Charles F. Towne, the agent at that time in charge of immigrant education. The enrollment numbered thirty.

In 1919 similar classes were held with an enrollment of 104. There were two courses: (1) Methods of Teaching English to Immigrants, and (2) Racial Backgrounds and Social Problems. In the course on Methods of Teaching English to Immigrants, each student was required to write a series of themes or lessons which might be used in teaching English to a class of non-English-speaking immigrants.

The difficulties encountered by the immigrant in learning an unknown language were strikingly demonstrated. In the class were several Portuguese teachers, one of whom gave the English-

speaking members of the group instruction in her native tongue. Thus the members of the class were placed in the position of the foreigner learning English, an experience which tended to produce sympathy for the non-English-speaking student.

The personnel of the classes was varied. There were teachers, superintendents of schools, members of school committees, local directors of Americanization, and representatives of industrial plants.

### **Improvement of Instruction Material.**

In the Division of University Extension new courses are prepared and old courses revised in order to meet changing conditions.

In addition to the revision of the courses in Practical Applied Mathematics and Safety Engineering, several new courses have been added, as follows: Conversational Italian, Certified Public Accountant Preparatory Course, Household Budget Planning, Textile Processes and Calculations, Textile Design (for classes of textile workers), Steel Building Design, and Penmanship Improvement.

The most effective length for extension courses has not been definitely determined. The short-unit course, however, is gaining in favor. When possible, in preparing and improving instruction material, the division uses short-unit courses which vary in length from six to sixteen assignments.

### **Co-operative Classes.**

Sometimes local groups of extension students can furnish their own instructor, but prefer to use the lesson material of the division. They also wish their instructor to be approved though not paid by the State, and upon satisfactory completion of a course they desire to receive the certificates of the division. Classes of this sort are encouraged by the division, and are called co-operative classes. In such cases the only expense to the division is the furnishing of lesson pamphlets, supervision of instruction, and the cost of certificates. Co-operative classes are most frequently organized by industrial plants, school committees, and other bodies who have paid instructors at their disposal. (For statistics, see pages 261 to 265.)

### **Certificating Classes.**

Somewhat similar to the co-operative class is the certificating class. Its purpose is to secure to the students of such Americanization classes as may be formed under private auspices the benefits of State supervision and certification.

The conditions under which the division co-operates in the conduct of these classes are as follows:—

1. The classes shall be open to any person who is in need of instruction, without regard to membership in the particular private organization under whose auspices the class is formed.

2. The instructor under this arrangement shall receive no compensation from the division, and shall be approved by the division only on proof of his proficiency.

3. The place of meeting and the equipment of the classroom, including heating and lighting, shall be approved by the division.

4. The courses of lessons for the English classes and the classes in citizenship shall be approved by the division.

5. The division shall be kept informed as to the membership and the attendance of the class.

6. The division shall have the right to supervise and inspect the classes from time to time. On account of the large number of classes that may be formed, the division may delegate its supervisory powers to local superintendents of schools or to their assistants.

7. At the satisfactory completion of the course, including a standard examination, the division shall issue special certificates of proficiency to students.

### **Collection of Data on Evening Schools.**

Duplication of work is as likely to occur in education as in other fields of social improvement. To avoid danger of duplication, at the close of the evening school session in 1919 a questionnaire was sent to the school authorities of every city and town in the State, requesting certain information that would guide the division in extending its facilities to the communities most in need of them.

The questionnaire called for information about Americanization work; about the number, character, and length of courses

taught; about the number of pupils enrolled in evening schools and classified according to sex, age, and advancement.

As the details of the tabulation have already been published in a bulletin, only the significant features of the evening school situation in Massachusetts will be here summarized. There are 38 cities and 316 towns in the State. Of these —

85 cities and towns maintained evening schools in 1918-19.

22 cities and towns had supervisors or directors of Americanization (12 unqualifiedly stated that they had supervisors; the others stated that the principal of the evening schools, assistant superintendent, or like official, acted as supervisor).

24 cities and towns gave superintendents authority to send teachers of English or of civics to factories, homes, or other places where foreign-born people live, work, or congregate in numbers.

14,213 men and 13,299 women enrolled in evening schools. There were 146 additional whose sex was not indicated, bringing the total up to 27,657. Boston, Cambridge, Fall River, Holyoke, Lynn, Malden, New Bedford, and Springfield combined had the major part of the evening school enrollment.

19 cities and towns offered courses in practical arts (for men).

31 cities and towns offered courses in household arts.

4 cities and towns offered courses in elementary applied arithmetic.

84 cities and towns offered courses in English.

73 cities and towns offered courses in civics.

30 cities and towns offered courses in mechanical drawing.

### Classes of Special Interest.

Many school superintendents believe that efforts should be made to keep evening high school students from breaking connection with the school after graduation. In Lawrence the superintendent of schools requested the division to co-operate with him in this work. Accordingly a class in Current History was organized among evening high school graduates in which not only significant happenings in the State, nation, and world were discussed, but literary and other cultural matters were stressed as well. The members of the class were responsive and appreciative. Class attendance was well maintained.

During the past year there has been considerable interest in spoken French. Interest was stimulated by the World War. The division organized several large classes in populous centers, notably Boston, Springfield, Worcester, and Lawrence. Though

the numbers in each group were much larger than are ordinarily considered favorable to efficient instruction, interest was maintained to the end of the courses, and though the percentages of attendance and completions were slightly less than in the majority of smaller classes, they were sufficiently good to justify the experiment. The amount of French learned in classes meeting weekly for twenty weeks is naturally not great, though it has been demonstrated that the earnest, industrious, apt student can secure a facility in French speech that would at first appear to be impossible. Such classes furnish other educational benefits than those to the individual. They serve to awaken an interest in education and in extension studies in general, and in foreign language study in particular. The interest of adults in study reacts to the benefit of the regular schools. Teachers of languages in day schools are afforded an opportunity to get new ideas on methods from instructors who are able to sell their instruction in the open market.

Another course which was in considerable demand during the last year was Current History. In most classes this course was given by one instructor. In Boston, however, it was given by twelve different lecturers. Because of the large number in the Boston group two conferences with an instructor were arranged for those who desired certificates. Matters connected with the required reading were discussed. Candidates for certificates were also required to write papers on set topics.

The formation of extension classes requires no stimulation in thickly settled communities of varied activities. It is only necessary to let the people know of the courses, and classes form of themselves. This is especially the case of classes in applied mathematics. During the past year notices of class organization were sent to large groups of mechanical workers, telling of opportunities for instruction in shop mathematics. As a result 20 classes were formed in Practical Applied Mathematics, with an enrollment of 716.

#### **Public Exercises on Completion of Classes.**

The class in Practical Applied Mathematics at West Wareham, composed largely of students from a nail factory in the vicinity, held public exercises that attracted much attention among the

citizens of the town. Besides representatives of the division, members of the local school committee, the manager of the plant in which most of the class were employed, and many of the general public, both men and women, were present. Addresses were made by several of the invited guests, including persons of local prominence. A class history was read and an appropriate remembrance was presented to the instructor. After the certificates were awarded, the gathering became purely social in character. There were refreshments, music, and dancing in which employer, employee, and guests joined. It was a neighborly affair which made for good will and teamwork in the community.

Somewhat similar exercises were held when the classes at the Lynn works of the General Electric Company closed in June. All the students who had successfully completed courses in the division assembled after work in one of the recreation rooms. Short addresses were made by several of the instructors, by the director of the division, and by the works manager. After the certificates were distributed supper was served at the expense of the company.

The class in Conversational Spanish had exercises slightly different from the foregoing. They took the form of an entertainment, in which songs, piano solos, and dances in native costume by Spanish performers were the principal features.

### **Improvement of Correspondence Instruction.**

Adult education though rich in possibilities is largely an uncharted field. The preparation of elementary extension courses for grown people is an art in itself. Procedure and methods in correspondence instruction require study.

The office staff of the division during the past year have taken steps to reach an intelligent understanding of the objectives in their work, and to find effective ways of making their instruction suitable. Every two weeks staff meetings have been held for the discussion of problems peculiar to extension teaching. An important result of these meetings has been to make the written comments on correspondence answer papers not only instructive, but human, friendly, and encouraging.

Besides the regular staff meetings a system of professional

improvement for full-time office instructors has been devised. Instructors are not restricted to any particular method of professional improvement. Several instructors have found it convenient to enroll in correspondence courses of the division which have direct connection with courses in which they are giving instruction.

### **Dropped Students in Correspondence Courses.**

In correspondence courses it is not always easy to determine when a seemingly inactive student should be classified as dropped. Adult students have so many responsibilities that their studies are frequently interrupted for long periods. Illness in the family, "overtime" in their daily work, removal from the State, change of employment are frequent causes of interruption. Frequently after months of silence a student resumes work.

During the past year a study was made of the reasons why correspondence students drop their studies. Five hundred and eighty-two students were classified as dropped.

The following tabulation presents the basis of classification:—

REASONS.	Number dropped.
Died, . . . . .	43
Left the State, . . . . .	199
Continued illness or disability, . . . . .	27
Cannot be found, . . . . .	59
Attending other educational institutions, . . . . .	43
Course too difficult for student, . . . . .	28
Course not suited to student's present needs, . . . . .	9
Student received from course all information desired, . . . . .	6
Dropped on advice of employer or reference, . . . . .	8
No recent lessons or replies to letters received, . . . . .	140
Miscellaneous, . . . . .	20
Total, . . . . .	582

### **Publications.**

Eight bulletins were published during 1919; two of these were regular bulletins, one containing the fourth annual report and the other the announcement of courses offered for class and correspondence instruction.



The other six bulletins dealt with Americanization. They were of a constructive nature. The January bulletin presented a definite program showing ways in which the different organizations of a community may work together for the education of the immigrant. This bulletin was entitled "The Federal-State Program." It was intended especially to help industries in establishing factory classes for alien employees.

The May bulletin was entitled "The Teachers' Handbook," a manual for the assistance of teachers who use the Standard Lessons in English for Immigrants. This handbook not only formulates principles, but explains in considerable detail the procedure in classes. It was written with the understanding that many teachers of immigrants, especially when chosen from the clerical or managerial forces in industry, would be new to the work and would need to be carefully guided.

In July three bulletins were issued. The first was entitled "The Problem of Immigrant Education in Massachusetts." The significant feature of this publication was the table of statistics, which showed the number of persons in each city and town of the State who were unable to read and write English. Totals for the State showed that, out of a total population of nearly 3,700,000 in 1915, almost 10 per cent were unable to read and write English. The second July bulletin was a revision of the course in Civics for Naturalization to make it conform to changes in the Constitution brought about by the Constitutional Convention. The third July bulletin was an announcement and description of the courses on Americanization held at the Hyannis Normal Summer School.

The September bulletin consisted of a revision of the Standard Lessons in English for Immigrants. The publication of these lessons as a bulletin makes them available in convenient form for wide distribution among persons interested in the subject.

### **Re-enrollments.**

A proper gauge of the effectiveness of instruction is the number of students who re-enroll after completing courses. The number of such students is increasing. During 1918 there were 367 such re-enrollments in correspondence courses; during 1919 there were 598 re-enrollments. One hundred and eighty-four

students have been enrolled twice; 40 students have enrolled 3 times; 10 have enrolled 4 times; 5 have enrolled 5 times; 2 have enrolled 6 times.

### **Co-operation with Connecticut Valley Colleges.**

Soon after the establishment of the Division of University Extension, the Massachusetts Agricultural College, the International Y. M. C. A. College at Springfield, and the Northfield Schools, in conjunction with the division, appointed a committee to work out an extension program. By contributing the services of a paid representative, the division undertook the organization of classes while the committee furnished the instructors.

The committee has been liberal in its willingness to adjust courses and instruction to the needs of study groups. It has also supplemented its study courses with courses of lectures to be given by members of the various faculties.

Classes have been organized during the present academic year in Northampton, Springfield, and Gardner. Courses of from two to six lectures have been arranged for 1919-20 at Westfield, Turners Falls, Winchendon, Springfield; Holyoke, and Northampton. (See page 266 for statistics.)

### **Extension Courses in Normal School.**

For several years the North Adams Normal School has conducted by correspondence professional improvement courses for teachers. The value of such extension work is obvious. Inexperienced teachers especially need to maintain connection with a training school to which they may refer their professional problems.

The North Adams Normal School prepared correspondence courses to assist the conscientious teacher who is so situated that she cannot attend professional improvement classes. During the past year 146 have been enrolled in the courses at North Adams.

But the necessary facilities for professional improvement cannot be supplied entirely by correspondence or by one normal school situated in a remote section of the State. For the work to be fully effective it should be State-wide. The Division of

University Extension has made a beginning. It has conducted 6 classes in Applied Educational Psychology. These classes have been attended by 178 enrolled students, all teachers. They have been taught either by professors of education or by normal school instructors.

#### **Interest of Other Extension Organizations in the Massachusetts Division.**

More than perfunctory interest in the work of the Massachusetts division has been shown by similar organizations elsewhere. The Federal Division of Educational Extension, which came into existence during the World War, established very close relations with the Massachusetts division. Since the Federal Division ceased to exist in June, 1919, the National University Extension Association, which continued the work of the Federal Division, has co-operated cordially with the Massachusetts division, calling upon the latter for counsel and specimen material.

#### **Time spent by Correspondence Students in completing Courses.**

Over 2,500 correspondence students have finished courses. During the past year the division made a study of the time it took students to complete typical correspondence courses. Elementary English and Practical Applied Mathematics were selected as representative. Each of these courses had a correspondence enrollment of over 500 students, and the number of completions in each totaled considerably more than 100 when the study was made. The number of months it took each student to complete a course was found and tabulated. The results in Elementary English and Practical Applied Mathematics are shown graphically in Figs. 1 and 2 below.

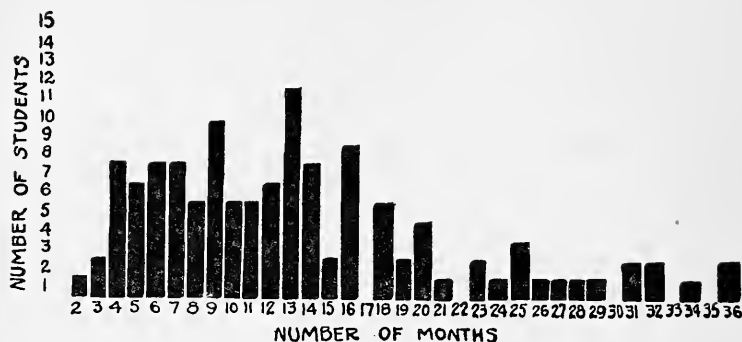


Fig. 1.—In this figure is represented the distribution of time spent by a total of 117 correspondence students in completing the 20-assignment course in Elementary English. Each black bar indicates the size of the group of students who completed the course in the number of months shown beneath the bar.

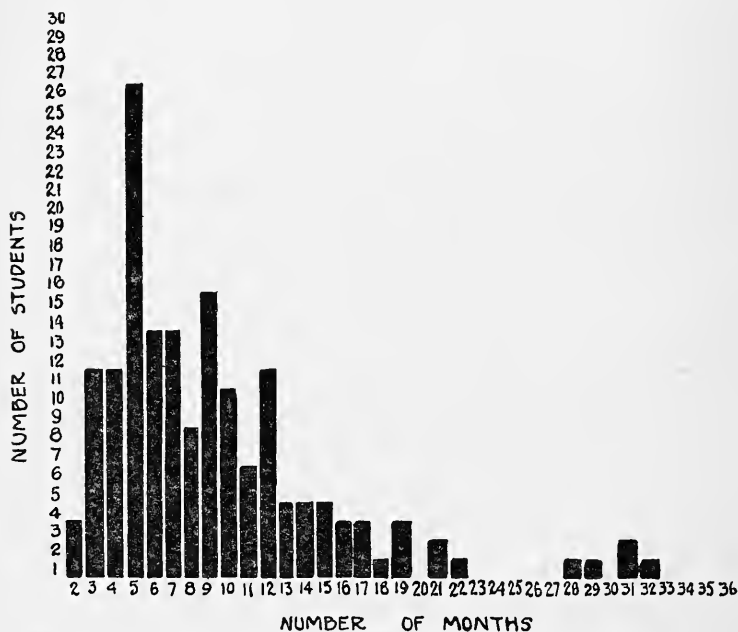


Fig. 2.—In this figure is represented the distribution of time spent by a total of 157 correspondence students in completing the 20-assignment course in Practical Applied Mathematics. Each black bar indicates the size of the group of students who completed the course in the number of months shown beneath the bar.

From the illustrations it will be seen that there is no marked tendency among students who carry through their work to prolong unduly the completion of their courses. The courses selected for study were each 20 assignments in length. Long courses were chosen for study because it was assumed that they would show more fairly tendencies to delay than the short-unit courses.

From the illustrations it will be seen that the majority of students completed both courses in a year or less.

In Elementary English (Fig. 1) 117 students completed the course in periods varying from two to thirty-six months. The average time spent in finishing the 20 assignments of the course was fourteen months, or almost exactly twenty-one days for each assignment.

Of the 117 who completed the course, 60 students, or 51 per cent, finished their work within one year. These students spent on the average between eleven and twelve days in completing each assignment.

In Practical Applied Mathematics (Fig. 2) 157 students completed their work in periods varying from two to thirty-two months. The average time taken for completion of the course was 9.14 months. This means that an average of almost two weeks was spent on each of the 20 assignments.

Of the 157 students who completed their course, 127, or 80 per cent, finished within one year. These students spent on the average between ten and eleven days in completing each assignment.

The fact that a much larger percentage finished Practical Applied Mathematics within a year than finished Elementary English is probably due to the character of the subject rather than to the character of the students enrolled.

These figures further indicate that the slower students require between two and three years to complete a course, while the more rapid portion of the group can complete a course of 20 assignments within a year; that this more rapid element is in the majority, and on the average spends less than two weeks in completing each assignment.

## PART II.

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### STATISTICS.

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#### GENERAL EDUCATION.

- I. Summary of Statistics of the Public Schools — Day, Evening, and Vacation — for the School Year 1918-19.
- II. Statistics of State Normal Schools — Number of Teachers and — Students.
- III. List of Superintendents of Schools, with Towns and Cities in their Superintendencies.
- IV. Statistics of State-aided Superintendency Unions.
- V. Data regarding Certification of Superintendents of Schools.
- VI. Data regarding High School Principalships.
- VII. Massachusetts High Schools approved by the Department of Education for the privilege of Certification to State Normal Schools.
- VIII. Towns of Less than 500 Families and State Aid for High School Education therein.
- IX. County Training Schools.
- X. Statistics of Schools in State Institutions.
- XI. Massachusetts School Fund.
- XII. Reimbursement on account of Teachers' Salaries. (General School Fund.)
- XIII. Teachers' Registration Bureau.
- XIV. Financial Statement of the Department of Education.

# I. SUMMARY OF STATISTICS OF THE PUBLIC SCHOOLS — DAY, EVENING, AND VACATION — FOR THE SCHOOL YEAR 1918-19.

Pages i to cciii of this report contain data for each town and city and totals for the State.

Pages cciv and ccv contain a table giving a comparison of certain State totals for 1918-19 with the corresponding data for 1908-09, and showing the percentage of increase and decrease for a period of ten years.

*Statistics for State-aided vocational education are not included in the school returns, and consequently are not included in this summary.*

## A. — Data for the School Year ending June 30, 1919.

### I. REGISTRATION OF MINORS, APRIL 1, 1919.

1. Persons between the ages of five and seven years: —
  - (a) In registration of minors, . . . . . 119,663
  - (b) In public school membership, . . . . . 75,678
  - (c) In private school membership, . . . . . 21,153
2. Persons between the ages of seven and fourteen years: —
  - (a) In registration of minors, . . . . . 483,117
  - (b) In public school membership, . . . . . 383,560
  - (c) In private school membership, . . . . . 93,044
3. Persons between the ages of fourteen and sixteen years: —
  - (a) In registration of minors, . . . . . 125,256
  - (b) In public school membership, . . . . . 76,453
  - (c) In private school membership, . . . . . 11,450
4. Illiterate minors between sixteen and twenty-one years: —
  - (a) In registration of minors, . . . . . 7,003
  - (b) Illiterate minors receiving employment certificates,  
year ending Aug. 31, 1918, . . . . . 4,790

### II. NUMBER OF DAYS THE PUBLIC DAY SCHOOLS HAVE BEEN IN SESSION.

1. Average number of days the public day schools have been in session, . . . . . <sup>1</sup>169

### III. PUBLIC DAY SCHOOL ENROLLMENT AND ATTENDANCE DATA.

1. Total enrollment of pupils of all ages, . . . . . 605,118  
Decrease, . . . . . 2,687
2. Average membership of pupils, . . . . . 547,830  
Increase, . . . . . 542

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<sup>1</sup> Obtained by dividing the aggregate days of attendance by the total average attendance.

3. Aggregate days of attendance of pupils, . . . . .	84,324,607
4. Average daily attendance, . . . . .	498,898
Decrease, . . . . .	7,576

## IV. PUBLIC DAY SCHOOL TEACHERS.

1. Number of teaching positions in public day schools — kindergarten, elementary, and high — Jan. 1, 1919: —	
(a) Principals, . . . . .	670
(b) Supervisors, . . . . .	715
Full time, . . . . .	340
Part time, . . . . .	375
(c) Teachers, . . . . .	18,364
Full time, . . . . .	18,140
Part time, . . . . .	224
(d) Total, . . . . .	19,749

## V. PUBLIC DAY HIGH SCHOOLS.

1. Number of public high schools, . . . . .	1251
2. Number of principals and teachers, . . . . .	3,826
(a) Number of principals: —	
Men, . . . . .	142
Women, . . . . .	2
(b) Number of full-time teachers: —	
Men, . . . . .	1,031
Women, . . . . .	2,542
(c) Number of part-time teachers, . . . . .	109
3. Pupils enrolled, . . . . .	85,508
(a) Boys, . . . . .	38,061
(b) Girls, . . . . .	47,447
Decrease, . . . . .	209
4. Aggregate days of attendance, . . . . .	12,069,836
5. Median number of days the high schools have been in session, . . . . .	169
6. Average membership of pupils, . . . . .	76,462
Increase, . . . . .	86
7. Expenditure for support, exclusive of general control: —	
(a) Amount, . . . . .	\$6,849,114 01
(b) Cost per pupil in average membership, . . . . .	\$89 58
8. Expenditure for salaries and expenses of principals, supervisors and teachers: —	
(a) Amount, . . . . .	\$5,041,195 88
(b) Cost per pupil in average membership, . . . . .	\$65 93

<sup>1</sup> High schools not "under the order and superintendence of the town authorities" are not now counted as public high schools.



## 9. Expenditure for textbooks: —

(a) Amount, . . . . .	\$140,021 49
(b) Cost per pupil in average membership, . . .	\$1 83

## VI. PUBLIC DAY ELEMENTARY SCHOOLS.

1. Number of principals and teachers, . . . . .	15,256
(a) Number of principals: —	
Men, . . . . .	290
Women, . . . . .	236
(b) Number of full-time teachers: —	
Men, . . . . .	363
Women, . . . . .	14,203
(c) Number of part-time teachers, . . . . .	164
2. Pupils enrolled, . . . . .	519,610
(a) Boys, . . . . .	265,147
(b) Girls, . . . . .	254,463
Decrease, . . . . .	2,478
3. Aggregate days of attendance, . . . . .	72,254,771
4. Median number of days the elementary schools have been in session, . . . . .	166
5. Average membership of pupils, . . . . .	471,368
Increase, . . . . .	456
6. Expenditure for support, exclusive of general control: —	
(a) Amount, . . . . .	\$20,568,368 26
(b) Cost per pupil in average membership, . . .	\$43 64
7. Expenditure for salaries and expenses of principals, supervisors and teachers: —	
(a) Amount, . . . . .	\$14,301,049 43
(b) Cost per pupil in average membership, . . .	\$30 34
8. Expenditure for textbooks: —	
(a) Amount, . . . . .	\$307,265 27
(b) Cost per pupil in average membership, . . .	\$0 65

## VII. PUBLIC EVENING SCHOOLS FOR THE YEAR ENDING JUNE 30, 1919.

## 1. Evening elementary schools: —

(a) Number of cities and towns maintaining eve- ning elementary schools, . . . . .	181
(b) Number of teachers, . . . . .	941
(c) Number of pupils enrolled, . . . . .	18,211
(d) Expenditure for support, exclusive of general control, . . . . .	\$172,651 79

<sup>1</sup> In addition, one town sent its pupils to evening elementary schools of other cities or towns; also four towns sent their pupils to evening high schools.

## 2. Evening high schools:—

(a) Number of cities and towns maintaining evening high schools, . . . . .	148
(b) Number of teachers, . . . . .	604
(c) Number of pupils enrolled, . . . . .	15,570
(d) Expenditure for support, exclusive of general control, . . . . .	\$136,448 19

## VIII. PUBLIC VACATION SCHOOLS FOR THE YEAR ENDING JUNE 30, 1919.

1. Number of cities and towns maintaining vacation schools, . . . . .	29
2. Number of teachers, . . . . .	472
3. Number of pupils enrolled, . . . . .	12,547
4. Expenditure for support, exclusive of general control, . . . . .	\$51,075 49

## IX. COST OF ALL THE PUBLIC SCHOOLS — DAY, EVENING, AND VACATION — FOR THE SCHOOL YEAR ENDING JUNE 30, 1919.

*Support.*

1. Total expenditure for support, . . . . .	\$29,227,539 00
Increase, . . . . .	\$2,556,663 56
This expenditure is distributed among the following classes indicated in the statutory definition of support:—	
(a) General control, . . . . .	\$1,215,579 99
Increase, . . . . .	\$99,795 56
(b) Salaries and expenses of supervisors, principals and teachers, . . . . .	19,607,654 23
Increase, . . . . .	\$1,754,119 71
(c) Textbooks, . . . . .	452,452 80
Increase, . . . . .	\$31,297 71
(d) Stationery, supplies and other expenses of instruction, . . . . .	839,303 38
Increase, . . . . .	\$17,495 41
(e) Janitor service, fuel, and miscellaneous expenses of operation, . . . . .	4,314,317 88
Increase, . . . . .	\$431,614 63
(f) Repairs, replacement and upkeep, . . . . .	1,272,859 63
Increase, . . . . .	\$54,060 80
(g) Libraries, . . . . .	6,893 22
Decrease, . . . . .	\$518 53
(h) Promotion of health, . . . . .	234,952 65
Increase, . . . . .	\$19,098 10

(i) Transportation, . . . . .	\$666,772 63
Increase, . . . . .	\$84,091 46
(j) Tuition, . . . . .	271,474 24
Increase, . . . . .	\$20,632 39
(k) Miscellaneous, . . . . .	345,278 35
Increase, . . . . .	\$44,976 32

*Outlay.*

2. Total expenditure for outlay, . . . . .	\$2,259,704 36
Decrease, . . . . .	\$1,669,508 50
(a) New grounds, buildings and alter- ations, . . . . .	\$1,986,406 45
(b) New equipment, . . . . .	273,297 91

*Support and Outlay.*

3. Total expenditure from all sources for support and outlay, . . . . .	\$31,487,243 36
Increase, . . . . .	\$887,155 06

*Cost per Child for the School Year 1918-19.*

4. Cost for support for each pupil in the average member- ship, . . . . .	\$53 35
Increase, . . . . .	\$4 62
5. Cost for support and outlay for each pupil in the aver- age membership, . . . . .	\$57 48
Increase, . . . . .	\$1 57

B. — *Data for the Last Preceding Town or City Fiscal Year, which  
in All Towns and Nearly All Cities ended Dec. 31, 1918.*

I. COST OF SUPPORT OF ALL PUBLIC SCHOOLS — DAY, EVENING, AND  
VACATION.

1. Total expenditure for support, . . . . .	\$27,905,619 <sup>†</sup> 15
Increase, . . . . .	\$2,280,311 71
(a) Amount raised by local taxation and expended for support, . . . . .	\$27,013,730 61
Increase, . . . . .	\$2,277,728 19
(b) Amount derived from sources other than local taxation or its equivalent and expended for support, . . . . .	\$891,888 54
Increase, . . . . .	\$2,583 52

*Cost per Child for the Last Preceding Town or City Fiscal Year ending in Most Cases Dec. 31, 1918.*

2. Local taxation cost for support for each child in the average membership, <sup>1</sup>	\$49 31
Increase,	\$4 11
3. Total cost for support for each child in the average membership, <sup>1</sup>	\$50 94
Increase,	\$4 12
4. Percentage of the total valuation as of April 1, 1918, raised by taxation and expended for support of public schools,	.0057% <sub>100</sub> or \$5.70 per \$1,000
Increase,	.00025% <sub>100</sub> or \$0.25 per \$1,000

*C. — Employment Certificates and Home Permits issued to Persons Fourteen to Sixteen Years of Age, Year ending June 30, 1919.*

1. Number of employment certificates issued,	97,898
(a) Boys,	57,403
(b) Girls,	40,495
Decrease,	1,731
2. Number of different persons receiving employment certificates,	43,146
(a) Boys,	24,818
(b) Girls,	18,328
Decrease,	3,923
3. Number of different persons receiving home permits,	1,168
(a) Boys,	223
(b) Girls,	945
Decrease,	376
4. Number of holders of home permits included in item No. 2,	414
(a) Boys,	54
(b) Girls,	360
Decrease,	187
5. Number of persons between fourteen and sixteen years of age holding employment certificates or home permits and enrolled in evening classes,	3,546
(a) Boys,	2,058
(b) Girls,	1,488
Increase,	506

<sup>1</sup> The average membership, however, is for the school year ending June 30, 1919.

## II. STATISTICS OF STATE NORMAL SCHOOLS.

*Teachers and students in normal schools and in model and practice schools for the school year ending June, 1919.*

NAME OF SCHOOL.	NORMAL SCHOOLS.						MODEL AND PRACTICE SCHOOLS.		
	TEACHERS.		New ad- missions in Septem- ber, 1918.	STUDENTS.			GRADUATES.		POPULS.
				TOTAL ENROLLMENT DURING THE YEAR.			June, 1919.	Since establissh- ment of school.	
				Men.	Women.	Total.			
Bridgewater, . . . . .	8	14	178	11	404	415	172	5,175 <sup>1</sup>	410
Fitchburg, . . . . .	7	13	101	52	273	325	119	1,552	698
Framingham, . . . . .	7	17	201	-	367	367	91	3,935	302
Hyannis, . . . . .	2	6	19	2	30	32 <sup>2</sup>	13 <sup>3</sup>	521	234
Lowell, . . . . .	3	11	66	-	174	174	93	1,384	1,018
North Adams, . . . . .	4	7	44	-	80 <sup>4</sup>	80 <sup>4</sup>	30	1,040	601
Salem, . . . . .	8	13	107	13	290	303	108 <sup>5</sup>	4,209 <sup>6</sup>	534
Westfield, . . . . .	3	7	41	-	106	106	63	3,012	456
Worcester, . . . . .	6	11	38	-	116	116	51	1,994	551
Massachusetts Normal Art (Boston).	17	10	71	59	210	269 <sup>7</sup>	60	2,122	-
Totals, . . . . .	65	109	866	137	2,050	2,187	800	24,974	4,804

<sup>1</sup> Not including 282 students who received certificates for special courses.

<sup>2</sup> Not including 23 students in the summer session of 1918.

<sup>3</sup> Not including 7 graduates in the summer session of 1918.

<sup>4</sup> Not including 151 students in correspondence courses.

<sup>5</sup> Not including 3 students who received certificates for special courses.

<sup>6</sup> Not including 163 students who received certificates for special courses.

<sup>7</sup> Not including 228 students in the evening school classes.

### III. LIST OF SUPERINTENDENTS OF SCHOOLS, WITH TOWNS AND CITIES IN THEIR SUPERINTENDENCIES.

SUPERINTENDENT OF SCHOOLS.	Salary.	Address.	Superintendency.
Abbott, Winthrop P., .	\$3,100	Greenfield, . .	Greenfield.
Agard, Irving H., <sup>1</sup> . .	2,650	Spencer, . . .	Spencer.
Allen, Herbert L., . .	2,450	Dalton, . . .	Dalton.
Ames, Albert S., . .	2,100	Medfield, . . .	Medfield, Millis, Norfolk, West-wood.
Andrew, William W., .	4,000	Salem, . . .	Salem.
Anthony, John C., . .	4,000	Melrose, . . .	Melrose.
Armstrong, George P., .	3,650	Belmont, . . .	Belmont.
Atwell, Willard B., . .	2,900	Wakefield, . . .	Wakefield.
Bacon, John, . . .	2,300	Townsend, . .	Ashby, Lunenburg, Townsend.
Bagnall, Francis A., . .	2,800	Adams, . . .	Adams.
Ballou, Frank W., Assistant,	6,000	Boston, . . .	Boston.
Barbour, Albert L., . .	4,000	Quincy, . . .	Quincy.
Bates, Charles H., . .	2,600	Middleborough, . .	Middleborough.
Bean, Stephen G., . .	2,000	West Hanover, . .	Hanover, Hanson, Norwell.
Belisle, Hector L., . .	4,300	Fall River, . .	Fall River.
Bellows, Russell H., . .	3,000	Great Barrington, .	Great Barrington.
Bemis, George M., . .	3,575	Revere, . . .	Revere.
Benedict, Frank H., . .	2,500	Cochituate, . .	Dover, Sudbury, Wayland.
Bond, Norman J., . .	2,700	49 Dryads Green, Northampton.	Hadley, Hatfield.
Bowman, Mortimer H., .	1,800	Dighton, . . .	Berkley, Dighton, Rehoboth.
Bragdon, Frederick E., .	2,400	Egypt, . . .	Duxbury, Marshfield, Scituate.
Bragg, Mabel C., Assistant,	3,650	Newtonville, . .	Newton.
Brick, Francis S., . .	2,000	Monson, . . .	Brimfield, Monson.
Brodhead, John C., As- sistant.	6,000	Boston, . . .	Boston.
Brooks, John D., . .	2,600	Amherst, . . .	Amherst, Pelham.
Brown, Bertram D., <sup>2</sup> . .	3,200	Hudson, . . .	Hudson.
Burke, Jeremiah E., As- sistant.	6,000	Boston, . . .	Boston.
Carpenter, D. F., . .	1,900	32 Meadow Street, North Adams.	Clarksburg, Florida, Monroe, Savoy.
Carr, Ernest P., . .	2,600	Marlborough, . .	Marlborough.
Caswell, Almorin O., . .	2,700	Milford, . . .	Milford.
Caswell, George E., . .	1,800	Holden, . . .	Princeton, Sterling, Westminster.
Chace, S. Howard, . .	3,500	Beverly, . . .	Beverly.
Chase, Herbert J., . .	3,800	Mattapan, P. O., .	Milton.
Childs, James R., . .	2,600	Holden, . . .	Holden, Oakham, Paxton, Rut-land.
Churchill, Samuel B., .	2,000	Stockbridge, . .	Stockbridge.

<sup>1</sup> Also principal of high school.<sup>2</sup> Also principal of grammar school.

*List of Superintendents of Schools, with Towns and Cities in their Superintendencies — Continued.*

SUPERINTENDENT OF SCHOOLS.	Salary.	Address.	Superintendency.
Clapp, George I., . . .	2,800	Woburn, . . .	Woburn.
Clark, Charles S., . . .	4,200	Somerville, . . .	Somerville.
Clarke, George B., . . .	2,400	Pepperell, . . .	Bolton, Dunstable, Harvard, Pepperell.
Coe, George Allen, . . .	2,200	Grafton, . . .	Grafton, Upton.
Cole, Albert S., . . .	2,500	Barre, . . .	Barre, Hardwick, Petersham.
Collins, Orvis K., . . .	3,100	Hingham, . . .	Hingham.
Congdon, Fayette K., . . .	3,500	Northampton, . . .	Northampton.
Cooke, Theodore F., . . .	2,000	Richmond, R. F. D.,	Alford, Egremont, Richmond, West Stockbridge.
Corbin, Fred E., . . .	3,200	Southbridge, . . .	Southbridge.
Cotton, Carl, . . .	2,800	West Springfield, . . .	West Springfield.
Cox, George W., . . .	2,400	Ware, . . .	Ware.
Cushman, Robert, Jr., <sup>1</sup>	2,100	Nahant, . . .	Nahant.
Dalrymple, Charles O., . . .	2,500	Norwood, . . .	Norwood.
Dame, Dana P., <sup>1</sup> . . .	2,750	North Andover, . . .	North Andover.
Davis, John C., . . .	2,500	Canton, . . .	Canton.
Davison, Frank P., . . .	2,100	Charlemont, . . .	Charlemont, Hawley, Heath, Rowe.
Dempsey, Clarence H., . . .	4,000	Haverhill, . . .	Haverhill.
Douglas, Frank A., <sup>2</sup> . . .	3,000	Winthrop, . . .	Winthrop.
Drown, Carroll H., . . .	2,500	Hopedale, . . .	Bellingham, Hopedale, Mendon.
Dunn, Howard W., Jr., . . .	2,100	Kingston, . . .	Halifax, Kingston, Pembroke, Plympton.
Eaton, Charles M., <sup>1</sup> . . .	2,900	Weston, . . .	Weston.
Edson, Marshall O., . . .	2,400	Turners Falls, . . .	Montague.
Eldredge, William F., . . .	2,000	Rockport, . . .	Rockport.
Ewart, Joseph A., Assistant,	3,000	Somerville, . . .	Somerville.
Fales, Lewis A., . . .	3,200	Attleboro, . . .	Attleboro.
Fausey, John R., . . .	3,450	Winchester, . . .	Winchester.
Fellows, Ernest W., . . .	3,300	Framingham, . . .	Framingham.
Ferguson, Chauncey C., . . .	2,700	Millbury, . . .	Millbury, Oxford.
Fisher, C. Edward, . . .	2,600	Holliston, . . .	Holliston, Medway, Sherborn.
Fitzgerald, Michael E., . . .	6,000	Cambridge, . . .	Cambridge.
Flood, Clarence N., . . .	2,500	Braintree, . . .	Braintree.
Frame, Roscoe G., . . .	2,200	Wilmington, . . .	Boxford, Middleton, Wilmington.
Galger, George H., . . .	2,600	Hyannis, . . .	Barnstable.
Gallagher, Oscar C., . . .	6,000	Brookline, . . .	Brookline.
Gannon, John F., . . .	5,000	Pittsfield, . . .	Pittsfield.

<sup>1</sup> Also principal of high school.<sup>2</sup> Also principal of grammar school.

*List of Superintendents of Schools, with Towns and Cities in their Superintendencies — Continued.*

SUPERINTENDENT OF SCHOOLS.	Salary.	Address.	Superintendency.
Gibbons, Thomas F., .	\$2,500	Clinton, . . .	Clinton.
Goodhue, Elbridge W., .	1,800	Haydenville, . .	Chesterfield, Williamsburg, Worthington.
Graves, S. Monroe, . .	3,600	Wellesley Hills, .	Wellesley.
Gray, John C., . . .	4,000	Chicopee, . . .	Chicopee.
Grindle, Thomas S., <sup>1</sup> .	2,700	Westborough, . .	Westborough.
Grout, Edgar H., . .	2,200	East Bridgewater, .	East Bridgewater, West Bridge- water.
Gruver, Harvey S., . .	6,000	Worcester, . . .	Worcester.
Gushee, Walter E., . .	2,600	Ludlow, . . .	Agawam, Ludlow.
Haines, T. McKay, . .	2,750	Gloucester, . . .	Gloucester.
Hale, Arthur W., . .	2,700	Franklin, . . .	Franklin, Wrentham.
Hall, Wells A., . . .	3,000	Concord, . . .	Concord.
Harris, Alice L., Assistant,	4,600	Worcester, . . .	Worcester.
Harris, Charles A., . .	3,150	Plymouth, . . .	Plymouth.
Hayes, James S., . . .	2,000	North Brookfield, .	Brookfield, North Brookfield.
Haynes, Edwin L., . .	3,000	Methuen, . . .	Methuen.
Hebard, William E., . .	2,250	Chester, . . .	Becket, Chester, Middlefield.
Herlihy, Charles M., As- sistant.	2,800	Cambridge, . . .	Cambridge.
Hill, Edward L., . . .	2,100	Assonet, . . .	Freetown, Gosnold, Westport.
Hill, Frank H., . . .	2,700	Marblehead, . . .	Marblehead.
Hine, Roderiek W., . .	2,800	Dedham, . . .	Dedham.
Hobson, Clifton H., . .	3,000	Palmer, . . .	Palmer.
Holman, Carl, . . .	3,000	Falmouth, . . .	Falmouth.
Holt, Frank E., . . .	2,400	Whitinsville, . .	Northbridge.
Hopkins, L. Thomas, . .	2,800	Amesbury, . . .	Amesbury.
Horton, Joseph I., . .	2,250	Ipswich, . . .	Ipswich.
Howard, Elmer F., . . .	2,250	East Northfield, .	Bernardston, Gill, Leyden, Northfield, Warwick.
Howard, Nelson G., . .	3,000	Mansfield, . . .	Mansfield, Sharon.
Howard, Will Russell, <sup>1</sup> .	2,600	Williamstown, . .	Williamstown.
Hoyle, Lillian M., Assist- ant.	1,500	50 Hancock Street, Malden.	Everett.
Humphrey, Chester W., .	2,200	Marion, . . .	Wareham.
Jackson, Charles S., . .	3,800	Lynn, . . .	Lynn.
Jenkins, Ira A., . . .	2,300	Foxborough, . . .	Foxborough, Norton, Plainville.
Johnson, Frank C., . .	2,500	Ayer, . . .	Ayer, Boylston, Shirley, West Boylston.
Jones, Asa M., . . .	2,800	Baldwinsville, . .	Hubbardston, Phillipston, Roy- alston, Templeton.
Judkins, Clarence L., .	2,500	Uxbridge, . . .	Douglas, Uxbridge.
Kane, Thomas F., <sup>1</sup> . .	2,600	Lenox, . . .	Lenox.

<sup>1</sup> Also principal of the high school.



*List of Superintendents of Schools, with Towns and Cities in their Superintendencies — Continued.*

SUPERINTENDENT OF SCHOOLS.	Salary.	Address.	Superintendency.
Keith, Allen P., . . .	\$5,000	New Bedford, . . .	New Bedford.
Kendall, Frederick L., . .	2,000	South Dartmouth, . .	Dartmouth.
King, Theodore W., . . .	2,200	Leicester, . . . . .	Charlton, Leicester.
Knight, Herman C., . . .	2,500	Littleton, . . . . .	Acton, Carlisle, Littleton, Westford.
Knox, Herman N., . . .	1,900	226 High Street, Newburyport.	Merriam, Newbury, Salisbury, West Newbury.
Lambert, Jesse W., . . .	2,200	Saugus, . . . . .	Saugus.
Lamprey, Leila M., Assistant.	2,670	Lawrence, . . . . .	Lawrence.
Lewis, Alvan R., . . .	1,800	Belchertown, . . . .	Belchertown, Enfield.
Loring, Everett G., . . .	1,800	Lanesborough, . . .	Cheshire, Hancock, Lanesborough, New Ashford.
Lowry, Harry H., . . .	3,000	Cohasset, . . . . .	Cohasset.
Lyman, Warren B., . . .	1,800	Hopkinton, . . . . .	Ashland, Hopkinton.
MacDougall, William J. B.,	2,500	South Middleborough,	Carver, Lakeville, Raynham, Rochester.
Mackin, John C., <sup>1</sup> . . .	2,100	Manchester, . . . . .	Manchester.
Malcolm, David J., . . .	2,400	Hinsdale, . . . . .	Hinsdale, Peru, Washington, Windsor.
Marshall, Farnsworth G., .	3,600	Malden, . . . . .	Malden.
Martin, Robert W., . . .	2,500	Vineyard Haven, . .	Chilmark, Edgartown, Gay Head, Oak Bluffs, Tisbury, West Tisbury.
McCann, Josiah S., . . .	2,200	Orange, . . . . .	Orange.
McConkey, Bertha M., Assistant.	3,500	Springfield, . . . . .	Springfield.
Mellyn, Mary C., Assistant,	6,000	Boston, . . . . .	Boston.
Merriam, Burr J., . . .	3,300	North Adams, . . . .	North Adams.
Merrill, Leon O., . . .	2,300	Rockland, . . . . .	Rockland.
Michels, Clarence E., . .	1,800	Lee, . . . . .	Lee, Monterey, Otis, Tyringham.
Miller, William D., . . .	2,600	Easthampton, . . . .	Easthampton, Southampton, Westhampton.
Millington, William H., .	2,500	Maynard, . . . . .	Boxborough, Maynard, Stow.
Minard, George C., . . .	3,500	Arlington, . . . . .	Arlington.
Molloy, Hugh J., . . .	4,800	Lowell, . . . . .	Lowell.
Moore, William C., . . .	2,700	Newburyport, . . . .	Newburyport.
Morris, George W., . . .	2,800	North Attleborough,	North Attleborough.
Morss, Charles H., . . .	1,800	South Lincoln, . . . .	Lincoln.
Mugan, Mary A. S., Assistant.	2,800	Fall River, . . . . .	Fall River.
Nickerson, Clarence V., <sup>2</sup> .	2,400	Hull, . . . . .	Hull.
Nickerson, Fred H., . . .	3,900	Medford, . . . . .	Medford.
Parlin, Frank E., . . .	3,600	Chelsea, . . . . .	Chelsea.
Patt, Hermann G., . . .	2,200	Warren, . . . . .	Holland, Wales, Warren.
Panll, Austin R., . . .	2,100	Winchendon, . . . .	Ashburnham, Winchendon.

<sup>1</sup> Also principal of grammar school.<sup>2</sup> Also principal of elementary schools.

*List of Superintendents of Schools, with Towns and Cities in their Superintendencies — Continued.*

SUPERINTENDENT OF SCHOOLS.	Salary.	Address.	Superintendency.
Pearson, Parker T., . .	\$2,700	East Weymouth, . .	Weymouth.
Peck, William R., . .	3,900	Holyoke, . . . .	Holyoke.
Pennell, Charles M., . .	2,200	Provincetown, . .	Provincetown, Truro, Wellfleet.
Perkins, Charles N., . .	3,000	Waltham, . . . .	Waltham.
Perry, William H., . .	3,100	Leominster, . . .	Leominster.
Persons, Clair G., . .	4,000	Taunton, . . . .	Taunton.
Phipps, Harrie J., . .	3,200	Danvers, . . . .	Danvers.
Power, Thomas F., Assistant.	4,000	Worcester, . . . .	Worcester.
Pratt, Henry H., . .	2,000	1232 Main Street, Worcester.	Auburn, Sutton.
Price, Wilfred H., . .	3,000	Watertown, . . .	Watertown.
Prior, Charles F., . .	3,200	Fairhaven, . . .	Acushnet, Fairhaven, Marion, Mattapoisett.
Putney, Walter K., . .	2,400	Chelmsford, . . .	Chelmsford.
Quinn, James J., . .	2,500	Holbrook, . . . .	Avon, Holbrook, Randolph.
Rafter, Augustine L., Assistant.	6,000	Boston, . . . .	Boston.
Randall, Charles L., . .	2,600	97 Eighteenth Street, Lowell.	Dracut, North Reading, Tewksbury, Tyngsborough.
Record, C. A., . . . .	3,100	Abington, . . . .	Abington.
Reynolds, Fordyce T., . .	3,300	Gardner, . . . .	Gardner.
Richards, Clinton J., . .	2,500	Shelburne Falls, . .	Buckland, Colrain, Shelburne.
Richardson, Charles C., . .	2,050	West Brookfield, . .	New Braintree, Sturbridge, West Brookfield.
Robbins, Linville W., . .	2,000	Stoughton, . . . .	Stoughton.
Robinson, Albert, . . .	3,200	Peabody, . . . .	Peabody.
Robinson, Ernest W., . .	4,000	Fitchburg, . . . .	Fitchburg.
Rollins, Arthur S., <sup>1</sup> . .	2,500	Lancaster, . . . .	Lancaster.
Safford, Adelbert L., <sup>1</sup> . .	3,600	Reading, . . . .	Reading.
Sanborn, Henry C., . .	3,200	Andover, . . . .	Andover.
Sanderson, William H., . .	2,500	Granville, . . . .	Granville, Sandisfield, Southwick, Tolland.
Scully, John F., . . .	4,250	Brockton, . . . .	Brockton.
Sheridan, Bernard M., . .	4,900	Lawrence, . . . .	Lawrence.
Sims, William F., . . .	3,300	Webster, . . . .	Dudley, Webster.
Small, Alberto W., . . .	2,100	Yarmouth, . . . .	Brewster, Dennis, Yarmouth.
Smith, Arthur W., . . .	1,800	North Dana, . . .	Dana, Greenwich, New Salem, Prescott.
Stearns, Mrs. Cora A., . .	1,800	Millers Falls, . . .	Erving, Leverett, Shutesbury, Wendell.
Stephens, Ernest, Assistant,	2,700	Lynn, . . . .	Lynn.
Stiles, Chester D., . . .	2,800	Westfield, . . . .	Westfield.
Stuart, Josephine B., Assistant.	3,250	New Bedford, . . .	New Bedford.

<sup>1</sup> Also principal of high school.

*List of Superintendents of Schools, with Towns and Cities in their Superintendencies — Concluded.*

SUPERINTENDENT OF SCHOOLS.	Salary.	Address.	Superintendency.
Thompson, Frank V.,	\$10,000	Boston, . . .	Boston.
Thomson, Andrew S.,	1,900	South Deerfield, .	Conway, Deerfield, Sunderland, Whately.
Tirrell, Edwin S., <sup>1</sup>	1,800	Nantucket, . . .	Nantucket.
Toothaker, Oliver H.,	2,150	Swansea, . . .	Somerset, Swansea.
Tower, Alfred O.,	1,800	Sheffield, . . .	Mount Washington, New Marlborough, Sheffield.
Van Ornum, Frederick B.,	2,500	Northborough, . .	Berlin, Northborough, Shrewsbury, Southborough.
Van Sickle, James H.,	5,800	Springfield, . . .	Springfield.
Vining, Eugene C.,	2,800	Billerica, . . .	Billerica, Burlington.
Walker, Charles W.,	1,800	Ashfield, . . .	Ashfield, Cummington, Goshen, Plainfield.
Walter, Charles W.,	2,800	31 Willow Street, Woonsocket, R. I.	Blackstone, Millville, Seekonk.
Ward, W. Scott,	2,500	Athol, . . .	Athol.
Waterhouse, R. H., Assistant.	2,100	Mittineague, . .	Agawam, Ludlow.
Webber, Arthur B.,	3,200	Stoneham, . . .	Bedford, Stoneham.
West, Melvin J.,	1,800	Huntington, . .	Blandford, Huntington, Montgomery, Russell.
West, Roscoe L.,	2,800	Needham, . . .	Needham.
Westcott, Ralph W.,	2,850	Walpole, . . .	Walpole.
Wheeler, Carlon E., <sup>1</sup>	2,700	North Easton, . .	Easton.
Wheeler, Frederic A.,	2,500	East Longmeadow, .	East Longmeadow, Hampden, Longmeadow, Wilbraham.
Wheeler, Ulysses G.,	6,000	Newtonville, . .	Newton.
Whitman, Herbert L.,	2,300	Buzzards Bay, . .	Bourne, Mashpee, Sandwich.
Whitman, Willard M.,	2,700	Swampscott, . . .	Swampscott.
Whitney, Fairfield, . .	4,000	Everett, . . .	Everett.
Whittemore, Frederic E.,	2,500	South Hadley Falls, .	Granby, South Hadley.
Willard, Edgar L.,	2,400	Natick, . . .	Natick.
Williams, Harvey R.,	3,000	Wenham, . . .	Essex, Hamilton, Lynnfield, Topsfield, Wenham.
Williams, Loring G.,	2,600	Harwich, . . .	Chatham, Eastham, Harwich, Orleans.
Woods, Fannie E.,	1,300	Groton, . . .	Groton.
Wyman, Elwood T., <sup>1</sup>	2,750	Whitman, . . .	Whitman.
Young, Walter S., Assistant.	4,600	Worcester, . . .	Worcester.

Total, 205;<sup>2</sup> 187 superintendents; 18 assistant superintendents.

<sup>1</sup> Also principal of high school.

<sup>2</sup> Three vacancies not included.

## IV. STATISTICS OF STATE-AIDED SUPERINTENDENCY UNIONS.

*Index of towns.*

[NOTE. — The number indicates the superintendency union in which the town is found in the table that follows.]

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34 Acton.	17 Dennis.	35 Holden.
29 Acushnet.	55 Dighton.	18 Holland.
54 Alford.	41 Douglas.	28 Holliston.
37 Amherst.	32 Dover.	22 Hopedale.
63 Ashburnham.	10 Dracut.	3 Hopkinton.
31 Ashby.	60 Dudley.	2 Hubbardston.
36 Ashfield.	64 Dunstable.	39 Huntington.
3 Ashland.	1 Duxbury.	45 Kingston.
48 Auburn.	16 East Bridgewater.	50 Lakeville.
40 Avon.	23 Eastham.	46 Lanesborough.
65 Ayer.	4 Easthampton.	43 Lee.
5 Barre.	19 East Longmeadow.	56 Leicester.
7 Becket.	26 Edgartown.	42 Leverett.
72 Bedford.	54 Egremont.	25 Leyden.
61 Belchertown.	61 Enfield.	34 Littleton.
22 Bellingham.	42 Erving.	19 Longmeadow.
55 Berkley.	49 Essex.	31 Lunenburg.
6 Berlin.	29 Fairhaven.	49 Lynnfield.
25 Bernardston.	70 Florida.	29 Marion.
74 Billerica.	68 Foxborough.	1 Marshfield.
71 Blackstone.	69 Franklin.	15 Mashpee.
39 Blandford.	67 Freetown.	29 Mattapoisett.
64 Bolton.	26 Gay Head.	57 Maynard.
15 Bourne.	27 Georgetown.	51 Medfield.
57 Boxborough.	25 Gill.	28 Medway.
73 Boxford.	36 Goshen.	22 Mendon.
65 Boylston.	67 Gosnold.	62 Merrimac.
17 Brewster.	12 Grafton.	7 Middlefield.
8 Brimfield.	24 Granby.	73 Middleton.
11 Brookfield.	59 Granville.	13 Millbury.
14 Buckland.	47 Greenwich.	51 Millis.
74 Burlington.	27 Groveland.	71 Millville.
34 Carlisle.	38 Hadley.	70 Monroe.
50 Carver.	45 Halifax.	8 Monson.
30 Charlemont.	49 Hamilton.	43 Monterey.
56 Charlton.	19 Hampden.	39 Montgomery.
23 Chatham.	46 Hancock.	52 Mount Washington.
46 Cheshire.	20 Hanover.	46 New Ashford.
7 Chester.	20 Hanson.	33 New Braintree.
53 Chesterfield.	5 Hardwick.	62 Newbury.
26 Chilmark.	64 Harvard.	52 New Marlborough.
70 Clarksburg.	23 Harwich.	47 New Salem.
14 Colrain.	38 Hatfield.	51 Norfolk.
58 Conway.	30 Hawley.	6 Northborough.
36 Cummington.	30 Heath.	11 North Brookfield.
47 Dana.	44 Hinsdale.	25 Northfield.
58 Deerfield.	40 Holbrook.	10 North Reading.

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*Statistics of State-aided Superintendency Unions — Continued.*


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68 Norton.	15 Sandwich.	12 Upton.
20 Norwell.	70 Savoy.	41 Uxbridge.
26 Oak Bluffs.	1 Scituate.	18 Wales.
35 Oakham.	71 Seekonk.	18 Warren.
23 Orleans.	52 Sheffield.	25 Warwick.
43 Otis.	14 Shelburne.	44 Washington.
13 Oxford.	28 Sherborn.	32 Wayland.
35 Paxton.	65 Shirley.	60 Webster.
37 Pelham.	6 Shrewsbury.	21 Wellfleet.
45 Pembroke.	42 Shutesbury.	42 Wendell.
64 Pepperell.	66 Somerset.	49 Wenham.
44 Peru.	4 Southampton.	65 West Boylston.
5 Petersham.	6 Southborough.	16 West Bridgewater.
2 Phillipston.	24 South Hadley.	33 West Brookfield.
36 Plainfield.	59 Southwick.	34 Westford.
68 Plainville.	9 Sterling.	4 Westhampton.
45 Plympton.	72 Stoneham.	9 Westminster.
47 Prescott.	57 Stow.	62 West Newbury.
9 Princeton.	33 Sturbridge.	67 Westport.
21 Provincetown.	32 Sudbury.	54 West Stockbridge.
40 Randolph.	58 Sunderland.	26 West Tisbury.
50 Raynham.	48 Sutton.	51 Westwood.
55 Rehoboth.	66 Swansea.	58 Whately.
54 Richmond.	2 Templeton.	19 Wilbraham.
50 Rochester.	10 Tewksbury.	53 Williamsburg.
30 Rowe.	26 Tisbury.	73 Wilmington.
27 Rowley.	59 Tolland.	63 Winchendon.
2 Royalston.	49 Topsfield.	44 Windsor.
39 Russell.	31 Townsend.	53 Worthington.
35 Rutland.	21 Truro.	69 Wrentham.
62 Salisbury.	10 Tyngsborough.	17 Yarmouth.
59 Sandisfield.	43 Tyringham.	

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## Statistics of State-aided Superintendency Unions — Continued.

Number.	UNION.	Date of entering union.	Valuation as of April 1, 1918.	Number of principals and full-time teachers, Jan. 1, 1919.	Number of school buildings, Jan. 1, 1919.	EACH TOWN'S SHARE OF SUPERINTENDENT'S —		State aid on account of employment of superintendent of schools.
						Service.	Full salary.	
1	Duxbury, . . .	1888	\$3,387,761	14	10	$\frac{1}{3}$	\$800 00	—
	Marshfield, . . .	1888	2,744,502	9	5	$\frac{1}{3}$	800 00	\$416 66
	Scituate, . . .	1888	6,183,720	16	3	$\frac{1}{3}$	800 00	—
2	Hubbardston, . . .	1889	815,479	7	4	$\frac{2}{10}$	560 00	250 00
	Phillipston, . . .	1889	339,701	4	4	$\frac{1}{10}$	280 00	125 00
	Royalston, . . .	1889	894,315	7	5	$\frac{2}{10}$	560 00	250 00
	Templeton, . . .	1889	2,554,473	21	7	$\frac{5}{10}$	1,400 00	625 00
3	Ashland, . . .	1889	1,627,710	12	3	$\frac{2}{5}$	720 00	500 00
	Hopkinton, . . .	1889	1,879,342	14	6	$\frac{3}{5}$	1,080 00	750 00
4	Easthampton, . . .	1889	10,605,236	50	10	$\frac{1\frac{1}{2}}{20}$	1,708 57	—
	Southampton, . . .	1889	646,637	7	7	$\frac{5}{20}$	557 14	267 86
	Westhampton, . . .	1889	286,130	4	4	$\frac{3}{20}$	334 29	160 72
5	Barre, . . .	1890	2,961,597	23	10	$\frac{2}{5}$	1,000 00	500 00
	Hardwick, . . .	1890	3,147,379	21	8	$\frac{2}{5}$	1,000 00	500 00
	Petersham, . . .	1890	1,071,897	8	3	$\frac{1}{5}$	500 00	250 00
6	Berlin, . . .	1890	657,705	5	5	$\frac{1}{10}$	250 00	125 00
	Northborough, . . .	1890	1,934,736	10	3	$\frac{2}{10}$	500 00	250 00
	Shrewsbury, . . .	1890	3,633,238	21	8	$\frac{4}{10}$	1,000 00	—
	Southborough, . . .	1890	2,196,204	13	3	$\frac{3}{10}$	750 00	375 00
7	Becket, . . .	1890	739,983	6	5	$\frac{6}{20}$	675 00	375 00
	Chester, . . .	1890	940,422	15	7	$\frac{11}{20}$	1,237 50	687 50
	Middlefield, . . .	1890	254,293	5	5	$\frac{8}{20}$	337 50	187 50
8	Brimfield, . . .	1890	729,190	10	4	$\frac{3}{10}$	600 00	375 00
	Monson, . . .	1890	2,171,895	18	10	$\frac{7}{10}$	1,400 00	875 00
9	Princeton, . . .	1890	1,119,544	8	5	$\frac{1}{5}$	360 00	250 00
	Sterling, . . .	1890	1,390,670	12	9	$\frac{2}{5}$	720 00	500 00
	Westminster, . . .	1890	1,009,724	14	8	$\frac{2}{5}$	720 00	500 00
10	Dracut, . . .	1891	2,846,322	23	7	$\frac{5}{10}$	1,300 00	625 00
	North Reading, . . .	1891	1,132,910	5	1	$\frac{1}{10}$	260 00	125 00
	Tewksbury, . . .	1891	2,781,586	10	5	$\frac{3}{10}$	780 00	375 00
	Tyngsborough, . . .	1891	923,432	4	1	$\frac{1}{10}$	260 00	125 00
11	Brookfield, . . .	1891	1,590,984	14	5	$\frac{1}{2}$	1,000 00	625 00
	North Brookfield, . . .	1891	2,080,193	13	2	$\frac{1}{2}$	1,000 00	625 00
12	Grafton, . . .	1891	3,491,196	26	6	$\frac{3}{4}$	1,650 00	—
	Upton, . . .	1891	1,414,962	11	3	$\frac{1}{4}$	550 00	312 50
13	Millbury, . . .	1891	3,512,355	30	6	$\frac{3}{5}$	1,620 00	—
	Oxford, . . .	1891	2,141,737	21	9	$\frac{2}{5}$	1,080 00	500 00
14	Buckland, . . .	1892	2,287,077	9	3	$\frac{1}{3}$	833 33	416 67
	Colrain, . . .	1892	1,103,415	13	10	$\frac{1}{3}$	833 33	416 67
	Shelburne, . . .	1892	1,937,525	15	4	$\frac{1}{3}$	833 34	416 66
15	Bourne, . . .	1892	5,955,575	20	8	$\frac{11}{20}$	1,265 00	—
	Mashpee, . . .	1892	465,440	1	1	$\frac{3}{20}$	230 00	125 00
	Sandwich, . . .	1892	1,439,275	10	5	$\frac{7}{20}$	805 00	437 50
16	East Bridgewater, . . .	1892	3,362,408	26	11	$\frac{1}{2}$	1,200 00	681 82
	West Bridgewater, . . .	1892	1,894,644	15	9	$\frac{1}{2}$	1,000 00	568 18
17	Brewster, . . .	1903	812,569	5	1	$\frac{1}{5}$	420 00	250 00
	Dennis, . . .	1892	1,359,964	10	6	$\frac{2}{5}$	840 00	500 00
	Yarmouth, . . .	1892	1,901,014	12	3	$\frac{2}{5}$	840 00	500 00
18	Holland, . . .	1902	139,025	2	1	$\frac{1}{15}$	146 67	83 33
	Wales, . . .	1893	363,426	2	1	$\frac{2}{15}$	293 33	166 67
	Warren, . . .	1893	2,683,641	24	3	$\frac{12}{15}$	1,760 00	1,000 00

*Statistics of State-aided Superintendency Unions — Continued.*

Net cost of super- intend- ent's salary.	Super- intend- ent's salary.	Superintendent of schools.	JOINT COMMITTEE.	
			Chairman.	Secretary.
\$800 00 383 34 800 00	\$2,400	Frederick E. Bragdon, Egypt.	Abraham S. Feinberg, Marshfield.	Mrs. Rona M. Cole (Greenbush), Scituate.
310 00 155 00 310 00 775 00	2,500	Asa M. Jones, Baldwin- ville.	John E. Halfrey, Hub- bardston.	Charles E. Richardson, Royalston.
220 00 330 00	1,800	Warren B. Lyman, Hop- kinton.	Edward Condon, Hop- kinton.	Albert Whittemore, Ash- land.
1,708 57 289 28 173 57	2,600	William D. Miller, East- hampton.	Rev. Franz Willer, East- hampton.	H. M. Bridgman, North- ampton, R. F. D. No. 2.
500 00 500 00 250 00	2,500	Albert S. Cole, Barre, .	Dr. George A. Brown, Barre.	O. A. Tuttle (Gilbert- ville), Hardwick.
125 00 250 00 1,000 00 375 00	2,500	Frederick B. Van Or- num, Northborough.	Edwin S. Corey, North- borough.	Mrs. Blanche E. Kim- ball, Northborough.
300 00 550 00 150 00	2,250	William E. Hebard, Chester.	E. H. Alderman, Ches- ter, R. F. D.	Charles F. Pease, Ches- ter.
225 00 525 00	2,000	Francis S. Brick, Mon- son.	Clifford A. Sweet, Mon- son.	Mrs. Martha E. Streeter, Brimfield.
110 00 220 00 220 00	1,800	George E. Caswell, Holden.	John Chandler, Sterling Junction.	Wendell A. Brooks, Princeton.
675 00 135 00 405 00 135 00	2,600	Charles L. Randall, 97 Eighteenth Street, Lowell.	Mrs. May Larrabee, Tewksbury.	Bertrand R. Currier, Tyngsborough.
375 00 375 00	2,000	James S. Hayes, North Brookfield.	Jay C. Griffith, North Brookfield.	James W. Wall, East Brookfield.
1,650 00 237 50	2,200	George Allen Coe, Graf- ton.	Francis M. McGarry, Grafton.	Dr. Samuel R. Capen, Upton.
1,620 00 580 00	2,700	Chauncey C. Ferguson, Millbury.	Walter B. Horne, Mill- bury.	David Glass, Oxford.
416 66 416 66 416 68	2,500	Clinton J. Richards, Shelburne Falls.	Earl M. Nichols, Lyons- ville.	Walter F. Stamford, Shelburne Falls.
1,265 00 105 00 367 50	2,300	Herbert L. Whitman, Buzzards Bay.	Dr. Samuel M. Beale, Sandwich.	Mrs. Minnie P. Howard, Buzzards Bay.
518 18 431 82	2,200	Edgar H. Grout, East Bridgewater.	Anna S. LeLacheur, West Bridgewater.	Mrs. Corelli C. Alger, West Bridgewater.
170 00 340 00 340 00	2,100	Alberto W. Small, Yar- mouth.	Edmund W. Eldridge, Yarmouth.	George A. Baker, West Dennis.
63 34 126 66 760 00	2,200	Hermann G. Patt, War- ren.	Edward F. Williams, Warren.	Julia M. Hitchcock, Warren.

## Statistics of State-aided Superintendency Unions — Continued.

Number.	UNION.	Date of entering union.	Valuation as of April 1, 1918.	Number of principals and full-time teachers, Jan. 1, 1919.	Number of school buildings, Jan. 1, 1919.	EACH TOWN'S SHARE OF SUPERINTENDENT'S —		State aid on account of employment of superintendent of schools.
						Service.	Full salary.	
19	East Longmeadow,	1893	\$1,746,865	15	5	.35	\$875 00	\$437 50
	Hampden, . . .	1893	477,563	5	3	.12	300 00	150 00
	Longmeadow, . .	1893	4,255,890	12	4	.29	725 00	—
	Wilbraham, . . .	1893	1,832,407	10	6	.24	600 00	300 00
20	Hanover, . . .	1894	1,942,837	13	8	$\frac{1}{3}$	666 67	416 67
	Hanson, . . .	1894	2,060,031	8	7	$\frac{1}{3}$	666 66	416 67
	Norwell, . . .	1894	1,264,115	11	4	$\frac{1}{3}$	666 67	416 66
21	Provincetown, . .	1894	3,161,204	27	6	$1\frac{1}{20}$	1,540 00	875 00
	Truro, . . .	1902	557,120	4	2	$\frac{9}{20}$	330 00	187 50
	Wellfleet, . . .	1894	808,920	6	2	$\frac{9}{20}$	330 00	187 50
22	Bellingham, . . .	1894	1,257,070	9	3	$\frac{8}{10}$	750 00	375 00
	Hopedale, . . .	1894	4,272,511	16	5	$\frac{4}{10}$	1,000 00	—
	Mendon, . . .	1894	760,935	7	3	$\frac{3}{10}$	750 00	375 00
23	Chatham, . . .	1903	2,368,490	10	5	$\frac{8}{10}$	780 00	375 00
	Eastham, . . .	1894	443,739	3	1	$\frac{1}{10}$	260 00	125 00
	Harwich, . . .	1894	1,948,697	12	6	$\frac{4}{10}$	1,040 00	500 00
	Orleans, . . .	1894	1,324,320	8	1	$\frac{7}{10}$	520 00	250 00
24	Granby, . . .	1895	821,878	4	3	$\frac{1}{5}$	500 00	250 00
	South Hadley, . .	1895	4,739,751	35	5	$\frac{1}{5}$	2,000 00	—
25	Barnardston, . . .	1917	600,355	7	6	$\frac{4}{20}$	450 00	250 00
	Gill, . . .	1895	657,344	6	4	$\frac{8}{20}$	337 50	187 50
	Leyden, . . .	1901	270,486	5	5	$\frac{8}{20}$	337 50	187 50
	Northfield, . . .	1895	1,659,498	12	7	$\frac{7}{20}$	787 50	437 50
	Warwick, . . .	1895	454,666	3	2	$\frac{3}{20}$	337 50	187 50
26	Chilmark, . . .	1897	430,807	2	2	$\frac{2}{20}$	250 00	125 00
	Edgartown, . . .	1895	1,710,820	9	2	$\frac{4}{20}$	500 00	250 00
	Gay Head, . . .	1902	53,000	1	1	$\frac{1}{20}$	125 00	62 50
	Oak Bluffs, . . .	1895	2,263,630	10	1	$\frac{9}{20}$	625 00	312 50
	Tisbury, . . .	1895	2,098,508	12	2	$\frac{5}{20}$	625 00	312 50
	West Tisbury, . .	1895	565,215	4	3	$\frac{3}{20}$	375 00	187 50
27	Georgetown, <sup>1</sup> . . .	1895	1,335,195	8	1	—	—	—
	Groveland, . . .	1895	1,494,422	16	7	—	—	—
	Rowley, . . .	1895	1,013,105	7	4	—	—	—
28	Holliston, . . .	1896	2,101,667	15	5	$\frac{2}{5}$	1,040 00	500 00
	Medway, . . .	1896	1,926,955	17	5	$\frac{2}{5}$	1,040 00	500 00
	Sherborn, . . .	1896	1,609,566	9	4	$\frac{1}{5}$	520 00	250 00
29	Acushnet, . . .	1897	1,626,635	12	4	$\frac{1}{4}$	450 00	175 78
	Fairhaven, . . .	1897	6,142,974	41	5	$\frac{3}{4}$	1,850 00	—
	Marion, . . .	1919	3,264,430	8	3	$\frac{1}{4}$	450 00	—
	Mattapoisett, . . .	1897	1,860,933	7	2	$\frac{1}{4}$	450 00	175 78
30	Charlemont, . . .	1897	704,369	9	4	$\frac{8}{25}$	672 00	400 00
	Hawley, . . .	1897	263,833	7	7	$\frac{8}{25}$	672 00	400 00
	Heath, . . .	1902	307,186	4	4	$\frac{4}{25}$	336 00	200 00
	Rowe, . . .	1897	267,579	5	5	$\frac{5}{25}$	420 00	250 00
31	Ashby, . . .	1897	701,058	6	1	$\frac{3}{10}$	460 00	250 00
	Lunenburg, . . .	1905	1,708,968	12	4	$\frac{3}{10}$	690 00	375 00
	Townsend, . . .	1897	1,409,233	11	3	$\frac{5}{10}$	1,150 00	625 00
32	Dover, . . .	1898	2,668,090	8	2	$\frac{2}{10}$	500 00	—
	Sudbury, . . .	1898	1,435,130	9	4	$\frac{3}{10}$	750 00	375 00
	Wayland, . . .	1898	2,422,212	14	2	$\frac{5}{10}$	1,250 00	625 00
33	New Braintree, . .	1898	472,381	3	3	$\frac{2}{10}$	410 00	250 00
	Sturbridge, . . .	1898	999,700	10	6	$\frac{5}{10}$	1,025 00	625 00
	West Brookfield, .	1898	1,058,847	8	4	$\frac{3}{10}$	615 00	375 00

<sup>1</sup> Vacancy.



*Statistics of State-aided Superintendency Unions — Continued.*

Net cost of superintend-ent's salary.	Superintend-ent's salary.	Superintendent of schools.	JOINT COMMITTEE.	
			Chairman.	Secretary.
\$437 50 150 00 725 00 300 00	\$2,500	Frederic A. Wheeler, East Longmeadow.	Dr. J. Berg Esenwein, Longmeadow.	Evanore O. Beebe, North Wilbraham.
250 00 250 00 250 00	2,000	Stephen G. Bean, West Hanover.	Rev. Edwin H. Gibson, Hanover Center.	Mrs. Amy Sylvester, Hanover.
665 00 142 50 142 50	2,200	Charles M. Pennell, Provincetown.	Andrew T. Williams, Provincetown.	Burton S. Hart, North Truro.
375 00 1,000 00 375 00	2,500	Carroll H. Drown, Hope- dale.	Clarence A. Taft, Men- don.	Frank J. Dutcher, Hopedale.
405 00 135 00 540 00 270 00	2,600	Loring G. Williams, Harwich.	Charles A. Guild, Chat- ham.	John H. Paine, Har- wich.
250 00 2,000 00	2,500	Frederic E. Whittemore, South Hadley Falls.	Charles A. Judd, South Hadley Falls.	Mrs. Lilla W. Witt, Granby.
200 00 150 00 150 00 350 00 150 00	2,250	Elmer F. Howard, East Northfield.	Frank L. Duley, East Northfield.	L. Lorimer Drury, Mount Hermon.
125 00 250 00 62 50 312 50 312 50 187 50	2,500	Robert W. Martin, Vine- yard Haven.	Ernest A. Royal, Ed- gartown.	Arthur W. Davis, Ed- gartown.
- - -	-	-	Albert L. Wales, 16 King Street, Groveland.	Mrs. Cornelia B. Adams, Georgetown.
540 00 540 00 270 00	2,600	C. Edward Fisher, Hol- liston.	Peter B. Hart, Medway,	William A. Guild, West Medway.
274 22 1,850 00 450 00 274 22	3,200	Charles F. Prior, Fair- haven.	Lewis E. Bentley, Fair- haven.	Mrs. Maud B. McAfee, Mattapoisett.
272 00 272 00 136 00 170 00	2,100	Frank P. Davison, Charlemont.	J. C. B u r r i n g t o n , Charlemont.	Mabel P. Sears, Charle- mont.
210 00 315 00 525 00	2,300	John Bacon, Townsend,	Albert S. Howard, Lun- enburg.	Mrs. Nellie F. Brown, Lunenburg.
500 00 375 00 625 00	2,500	Frank H. Benedict, Co- chituate.	John C. Hall, South Sudbury.	Rev. George H. Clarke, Sudbury.
160 00 400 00 240 00	2,050	Charles C. Richardson, West Brookfield.	William H. Boutelle, Sturbridge.	Edwin L. Havens, New Braintree.

## Statistics of State-aided Superintendency Unions — Continued.

Number.	UNION.	Date of entering union.	Valuation as of April 1, 1918.	Number of principals and full-time teachers, Jan. 1, 1919.	Number of school buildings, Jan. 1, 1919.	EACH TOWN'S SHARE OF SUPERINTENDENT'S —		State aid on account of employment of superintendent of schools.
						Service.	Full salary.	
34	Acton, . . . .	1898	\$2,073,281	10	3	11 <sup>1</sup> / <sub>40</sub>	\$687 50	\$343 75
	Carlisle, . . . .	1911	503,371	3	1	4 <sup>4</sup> / <sub>0</sub>	250 00	125 00
	Littleton, . . . .	1898	1,342,485	9	2	9 <sup>4</sup> / <sub>0</sub>	562 50	281 25
	Westford, . . . .	1898	2,397,069	16	4	19 <sup>4</sup> / <sub>0</sub>	1,000 00	500 00
35	Holden, . . . .	1900	2,071,415	20	9	10 <sup>2</sup> / <sub>20</sub>	1,300 00	625 00
	Oakham, . . . .	1900	454,628	4	3	8 <sup>2</sup> / <sub>20</sub>	390 00	187 50
	Paxton, . . . .	1900	427,283	3	1	2 <sup>2</sup> / <sub>20</sub>	260 00	125 00
	Rutland, . . . .	1900	1,002,322	8	3	5 <sup>2</sup> / <sub>20</sub>	650 00	312 50
36	Ashfield, . . . .	1900	988,756	12	9	9 <sup>2</sup> / <sub>22</sub>	736 36	511 36
	Cummington, . . . .	1900	387,380	5	4	5 <sup>2</sup> / <sub>22</sub>	409 09	284 09
	Goshen, . . . .	1900	275,264	4	4	4 <sup>2</sup> / <sub>22</sub>	327 27	227 27
	Plainfield, . . . .	1900	248,100	4	3	4 <sup>2</sup> / <sub>22</sub>	327 28	227 28
37	Amherst, . . . .	1901	6,394,543	39	8	1 <sup>1</sup> / <sub>2</sub>	2,250 00	—
	Pelham, . . . .	1901	526,255	4	4	1 <sup>1</sup> / <sub>2</sub>	350 00	168 27
38	Hadley, . . . .	1901	2,495,804	20	9	1 <sup>1</sup> / <sub>2</sub>	1,350 00	625 00
	Hatfield, . . . .	1901	2,193,173	17	5	1 <sup>1</sup> / <sub>2</sub>	1,350 00	625 00
39	Blandford, . . . .	1901	792,613	6	5	4 <sup>2</sup> / <sub>20</sub>	360 00	250 00
	Huntington, . . . .	1901	893,329	11	5	7 <sup>2</sup> / <sub>20</sub>	630 00	437 50
	Montgomery, . . . .	1901	193,093	2	2	2 <sup>2</sup> / <sub>20</sub>	180 00	125 00
	Russell, . . . .	1901	2,096,300	9	4	7 <sup>2</sup> / <sub>20</sub>	630 00	437 50
40	Avon, . . . .	1901	1,222,579	13	2	11 <sup>1</sup> / <sub>44</sub>	625 00	312 50
	Holbrook, . . . .	1901	1,847,506	19	6	15 <sup>4</sup> / <sub>44</sub>	852 27	426 14
	Randolph, . . . .	1901	2,803,400	24	7	15 <sup>4</sup> / <sub>44</sub>	1,022 73	511 36
41	Douglas, . . . .	1901	1,442,995	14	6	2 <sup>1</sup> / <sub>2</sub>	1,000 00	500 00
	Uxbridge, . . . .	1901	4,359,900	32	11	3 <sup>1</sup> / <sub>2</sub>	1,500 00	—
42	Erving, . . . .	1901	1,268,238	8	3	9 <sup>2</sup> / <sub>20</sub>	810 00	562 50
	Leverett, . . . .	1901	450,737	5	5	5 <sup>2</sup> / <sub>20</sub>	450 00	312 50
	Shutesbury, . . . .	1901	355,583	3	3	8 <sup>2</sup> / <sub>20</sub>	270 00	187 50
	Wendell, . . . .	1901	592,242	3	3	9 <sup>2</sup> / <sub>20</sub>	270 00	187 50
43	Lee, . . . .	1901	3,507,862	20	5	12 <sup>2</sup> / <sub>25</sub>	864 00	600 00
	Monterey, . . . .	1901	461,500	3	3	5 <sup>2</sup> / <sub>25</sub>	360 00	250 00
	Otis, . . . .	1901	330,232	5	5	5 <sup>2</sup> / <sub>25</sub>	360 00	250 00
	Tyringham, . . . .	1901	374,931	2	1	3 <sup>2</sup> / <sub>25</sub>	216 00	150 00
44	Hinsdale, . . . .	1901	772,337	9	6	8 <sup>2</sup> / <sub>20</sub>	960 00	500 00
	Peru, . . . .	1901	263,635	2	2	8 <sup>2</sup> / <sub>20</sub>	360 00	187 50
	Washington, . . . .	1912	322,909	2	2	4 <sup>2</sup> / <sub>20</sub>	480 00	250 00
	Windsor, . . . .	1901	307,657	5	5	5 <sup>2</sup> / <sub>20</sub>	600 00	312 50
45	Halifax, . . . .	1901	779,840	3	1	2 <sup>1</sup> / <sub>15</sub>	280 00	166 67
	Kingston, . . . .	1901	1,646,575	16	8	9 <sup>1</sup> / <sub>15</sub>	840 00	500 00
	Pembroke, . . . .	1901	1,354,725	10	7	5 <sup>1</sup> / <sub>15</sub>	700 00	416 67
	Plympton, . . . .	1901	491,873	3	3	2 <sup>1</sup> / <sub>15</sub>	280 00	166 66
46	Cheshire, . . . .	1912	899,336	8	3	7 <sup>2</sup> / <sub>20</sub>	630 00	437 50
	Hancock, . . . .	1902	374,356	5	4	5 <sup>2</sup> / <sub>20</sub>	450 00	312 50
	Lanesborough, . . . .	1902	895,470	7	5	7 <sup>2</sup> / <sub>20</sub>	630 00	437 50
	New Ashford, . . . .	1902	96,730	1	1	1 <sup>2</sup> / <sub>20</sub>	90 00	62 50
47	Dana, . . . .	1902	485,565	5	2	7 <sup>2</sup> / <sub>25</sub>	504 00	350 00
	Greenwich, . . . .	1902	341,622	2	2	8 <sup>2</sup> / <sub>25</sub>	216 00	150 00
	New Salem, . . . .	1902	555,169	8	6	9 <sup>2</sup> / <sub>25</sub>	648 00	450 00
	Prescott, . . . .	1902	285,893	4	4	9 <sup>2</sup> / <sub>25</sub>	432 00	300 00
48	Auburn, . . . .	1902	2,132,990	20	12	1 <sup>1</sup> / <sub>2</sub>	1,000 00	625 00
	Sutton, . . . .	1902	1,626,161	16	6	1 <sup>1</sup> / <sub>2</sub>	1,000 00	625 00

*Statistics of State-aided Superintendency Unions — Continued.*

Net cost of super- intend- ent's salary.	Super- intend- ent's salary.	Superintendent of schools.	JOINT COMMITTEE.	
			Chairman.	Secretary.
\$343 75 125 00 281 25 500 00	\$2,500	Herman C. Knight, Littleton.	Bertram E. Hall, West Acton.	Charles O. Prescott, Westford.
675 00 202 50 135 00 337 50	2,600	James R. Childs, Holden.	Louis M. Hanff, Rutland.	Charles T. Hawley, Holden.
225 00 125 00 100 00 100 00	1,800	Charles W. Walker, Ashfield.	Mrs. Dorothy Billings, Cummington.	William Hunter, Ashfield.
2,250 00 181 73	2,600	John D. Brooks, Amherst.	Arthur R. Jones, Amherst, R. F. D. No. 2.	Fred C. Sears, Amherst.
725 00 725 00	2,700	Norman J. Bond, 49 Dryads Green, Northampton.	Homer F. Cook, Hadley.	Rev. Charles L. Hill, North Hadley.
110 00 192 50 55 00 192 50	1,800	Melvin J. West, Huntington.	Edmond H. Cross, Huntington.	Myron E. Kelso, Montgomery.
312 50 426 13 511 37	2,500	James J. Quinn, Holbrook.	Edward Long, Randolph.	Dr. George V. Higgins, Randolph.
500 00 1,500 00	2,500	Clarence L. Judkins, Uxbridge.	Charles W. Scott, Uxbridge.	Gilbert W. Rowley, East Douglas.
247 50 137 50 82 50 82 50	1,800	Mrs. Cora A. Stearns, Millers Falls.	William G. Hawkes, Erving.	Mrs. Mary E. White, Wendell Depot.
264 00 110 00 110 00 66 00	1,800	Clarence E. Michels, Lee.	Duane S. Slater, Tyngingham.	Dr. E. W. Markham, Lee.
460 00 172 50 230 00 287 50	2,400	David J. Malcolm, Hinsdale.	Thomas A. Frissell, Hinsdale.	Thomas F. Ryan, Hinsdale, P. O. Box 65.
113 33 340 00 283 33 113 34	2,100	Howard W. Dunn, Jr., Kingston.	John M. Monroe, Kingston, R. F. D.	Frank L. Chandler, Kingston.
192 50 137 50 192 50 27 50	1,800	Everett G. Loring, Lanesborough.	Delos L. Whitman, Hancock.	Charles E. Chadwick, Lanesborough.
154 00 66 00 198 00 132 00	1,800	Arthur W. Smith, North Dana.	William R. Carrick, Greenwich Village.	Elvie M. Doubleday, North Dana.
375 00 375 00	2,000	Henry H. Pratt, 1232 Main Street, Worcester.	William T. Duvall, Auburn.	Charles P. King, Sutton.

## Statistics of State-aided Superintendency Unions — Continued.

Number.	UNION.	Date of entering union.	Valuation as of April 1, 1918.	Number of principals and full-time teachers, Jan. 1, 1919.	Number of school buildings, Jan. 1, 1919.	EACH TOWN'S SHARE OF SUPER-INTENDENT'S —		State aid on account of employment of super-intendent of schools.
						Service.	Full salary.	
49	Essex, . . . . .	1902	\$1,312,097	10	4	$\frac{4}{20}$	\$600 00	\$250 00
	Hamilton, . . . . .	1917	3,902,806	16	3	$\frac{6}{20}$	900 00	—
	Lynnfield, . . . . .	1912	1,617,483	7	2	$\frac{3}{20}$	450 00	187 50
	Topsfield, . . . . .	1912	2,193,476	8	1	$\frac{3}{20}$	450 00	187 50
	Wenham, . . . . .	1902	2,225,660	6	3	$\frac{4}{20}$	600 00	250 00
50	Carver, . . . . .	1902	1,991,085	8	5	.30	750 00	375 00
	Lakeville, . . . . .	1902	1,225,030	8	4	.21	525 00	262 50
	Raynham, . . . . .	1912	1,265,635	8	6	.25	625 00	312 50
	Rochester, . . . . .	1902	1,092,371	8	5	.24	600 00	300 00
51	Medfield, . . . . .	1908	2,145,622	10	2	$\frac{1}{4}$	525 00	312 50
	Millis, . . . . .	1902	1,601,821	11	3	$\frac{1}{4}$	525 00	312 50
	Norfolk, . . . . .	1902	1,205,098	6	2	$\frac{1}{4}$	525 00	312 50
	Westwood, . . . . .	1902	2,541,764	8	2	$\frac{1}{4}$	525 00	312 50
52	Mount Washington, . . . . .	1902	160,928	2	2	$\frac{1}{10}$	180 00	125 00
	New Marlborough, . . . . .	1902	1,163,703	13	9	$\frac{4}{10}$	720 00	500 00
	Sheffield, . . . . .	1902	1,139,295	15	9	$\frac{9}{10}$	900 00	625 00
53	Chesterfield, . . . . .	1902	404,725	5	7	$\frac{1}{4}$	450 00	312 50
	Williamsburg, . . . . .	1902	1,189,261	16	7	$\frac{2}{4}$	900 00	625 00
	Worthington, . . . . .	1902	436,069	5	4	$\frac{1}{4}$	450 00	312 50
54	Alford, . . . . .	1902	214,900	3	3	$\frac{3}{20}$	300 00	187 50
	Egremont, . . . . .	1902	641,216	3	3	$\frac{3}{20}$	300 00	187 50
	Richmond, . . . . .	1902	556,778	6	6	$\frac{6}{20}$	600 00	375 00
	West Stockbridge, . . . . .	1902	729,345	7	5	$\frac{9}{20}$	800 00	500 00
55	Berkley, . . . . .	1902	612,851	5	5	$\frac{1}{5}$	360 00	250 00
	Dighton, . . . . .	1902	2,395,162	15	9	$\frac{2}{5}$	720 00	500 00
	Rehoboth, . . . . .	1902	1,178,071	12	12	$\frac{2}{5}$	720 00	500 00
56	Charlton, . . . . .	1902	1,520,684	16	13	$\frac{1}{2}$	1,100 00	625 00
	Leicester, . . . . .	1902	2,681,369	16	5	$\frac{1}{2}$	1,100 00	625 00
57	Boxborough, . . . . .	1902	318,581	4	4	$\frac{3}{20}$	250 00	125 00
	Maynard, . . . . .	1902	4,553,401	39	4	$\frac{13}{20}$	1,625 00	—
	Stow, . . . . .	1902	1,141,777	8	3	$\frac{5}{20}$	625 00	312 50
58	Conway, . . . . .	1903	920,990	10	6	$\frac{1}{5}$	380 00	250 00
	Deerfield, . . . . .	1903	3,697,789	15	6	$\frac{2}{5}$	760 00	—
	Sunderland, . . . . .	1903	768,736	7	2	$\frac{1}{5}$	380 00	250 00
	Whately, . . . . .	1903	810,373	7	3	$\frac{1}{5}$	380 00	250 00
59	Granville, . . . . .	1903	557,361	8	7	.30	750 00	375 00
	Sandisfield, . . . . .	1903	501,965	7	7	.25	625 00	312 50
	Southwick, . . . . .	1903	1,040,255	13	12	.35	875 00	437 50
	Tolland, . . . . .	1903	314,274	1	1	.10	250 00	125 00
60	Dudley, . . . . .	1903	2,492,834	22	11	$\frac{1}{2}$	1,100 00	416 67
	Webster, . . . . .	1903	6,434,651	36	7	$\frac{2}{3}$	2,200 00	—
61	Belchertown, . . . . .	1904	1,080,705	15	8	$\frac{18}{25}$	1,296 00	900 00
	Enfield, . . . . .	1904	646,320	5	3	$\frac{7}{25}$	504 00	350 00
62	Merrimac, . . . . .	1912	1,629,294	13	4	$\frac{1}{4}$	475 00	312 50
	Newbury, . . . . .	1905	1,508,459	8	2	$\frac{1}{4}$	475 00	312 50
	Salisbury, . . . . .	1905	1,957,648	9	3	$\frac{1}{4}$	475 00	312 50
	West Newbury, . . . . .	1905	1,019,934	10	2	$\frac{1}{4}$	475 00	312 50
63	Ashburnham, . . . . .	1905	1,355,118	11	5	$\frac{1}{2}$	700 00	416 66
	Winchendon, . . . . .	1905	4,534,970	37	9	$\frac{2}{3}$	1,400 00	—
64	Bolton, . . . . .	1909	806,267	5	4	$\frac{3}{10}$	480 00	250 00
	Dunstable, . . . . .	1911	403,073	2	1	$\frac{1}{10}$	240 00	125 00
	Harvard, . . . . .	1909	1,928,606	4	1	$\frac{1}{10}$	480 00	250 00
	Pepperell, . . . . .	1909	2,544,092	16	3	$\frac{4}{10}$	1,200 00	625 00

*Statistics of State-aided Superintendency Unions — Continued.*

Net cost of super- intend- ent's salary.	Super- intend- ent's salary.	Superintendent of schools.	JOINT COMMITTEE.	
			Chairman.	Secretary.
\$350 00 900 00 262 50 262 50 350 00	\$3,000	Harvey R. Williams, Wenham.	James Dunson Phillips, Topsfield.	Florence M. Lull, South Hamilton.
375 00 262 50 312 50 300 00	2,500	William J. B. MacDou- gall, South Middle- borough.	Ellis G. Cornish, Car- ver.	Alice G. Shaw, North Carver.
212 50 212 50 212 50 212 50	2,100	Albert S. Ames, Med- field.	John C. Mulvehill, West- wood.	Mrs. Susan M. Clark, Medfield.
55 00 220 00 275 00	1,800	Alfred O. Tower, Shef- field.	Alfred I. Sparr, Mount Washington.	Zacheus H. Cande, Shef- field.
137 50 275 00 137 50	1,800	Elbridge W. Goodhue, Haydenville.	Thomas K. Utley, Ches- terfield.	Cora A. Stanton, West Chesterfield.
375 00 375 00 750 00 1,000 00	2,000	Theodore F. Cooke, Richmond, R. F. D.	George A. Germann, Great Barrington, R. F. D. No. 1.	Rev. William F. Crane, Richmond.
110 00 220 00 220 00	1,800	Mortimer H. Bowman, Dighton.	Edwin H. Allen, Taun- ton, R. F. D.	Andrew S. Muirhead, North Dighton.
475 00 475 00	2,200	Theodore W. King, Leicester.	M. Daniel Woodbury, Charlton.	F. Willard Trask, Leicester.
125 00 1,625 00 312 50	2,500	William H. Millington, Maynard.	James F. Parker (Glea- sondale), Stow.	Maude C. Richardson, West Acton.
130 00 760 00 130 00 130 00	1,900	Andrew S. Thomson, South Deerfield.	Andrew C. Warner, Sun- derland.	James Campbell, South Deerfield.
375 00 312 50 437 50 125 00	2,500	William H. Sanderson, Granville.	Charles M. Arnold, Southwick.	Albert C. Sheets, West Granville.
683 33 2,200 00	3,300	William F. Sims, Web- ster.	J. Joseph Gilles, Dud- ley.	Joseph A. Love, Web- ster.
396 00 154 00	1,800	Alvan R. Lewis, Bel- chertown.	Dr. Willard B. Segur, Enfield.	Everett A. Geer, Bel- chertown.
162 50 162 50 162 50 162 50	1,900	Herman N. Knox, 226 High Street, New- buryport.	Charles W. Morrell, 30 Church Street, Mer- rimac.	Irving A. French, Salis- bury.
283 34 1,400 00	2,100	Austin R. Paull, Win- chendon.	Robert Callahan, Win- chendon.	Mrs. Saidie H. Gates, Ashburnham.
230 00 115 00 230 00 575 00	2,400	George B. Clarke, Pep- perell.	Harry F. Hobart, East Pepperell.	Frank S. Hamlin, Bol- ton.

*Statistics of State-aided Superintendency Unions — Concluded.*

Number.	UNION.	Date of entering union.	Valuation as of April 1, 1918.	Number of principals and full-time teachers, Jan. 1, 1919.	Number of school buildings, Jan. 1, 1919.	EACH TOWN'S SHARE OF SUPERINTENDENT'S —		State aid on account of employment of superintendent of schools.
						Service.	Full salary.	
65	Ayer, . . . .	1909	\$3,070,185	14	4	$\frac{4}{10}$	\$1,000 00	\$500 00
	Boylston, . . .	1909	610,389	4	1	$\frac{1}{10}$	250 00	125 00
	Shirley, . . .	1909	1,436,896	6	3	$\frac{2}{10}$	500 00	250 00
	West Boylston, .	1909	1,107,280	11	3	$\frac{3}{10}$	750 00	375 00
66	Somerset, . . .	1909	2,029,207	21	9	$\frac{1}{2}$	1,075 00	625 00
	Swansea, . . .	1909	1,827,642	14	8	$\frac{1}{2}$	1,075 00	625 00
67	Freetown, . . .	1911	1,293,908	10	6	$\frac{7}{20}$	735 00	437 50
	Gosnold, . . .	1916	988,198	1	1	$\frac{1}{20}$	105 00	62 50
	Westport, . . .	1911	3,085,975	17	9	$1\frac{7}{20}$	1,260 00	750 00
68	Foxborough, . .	1911	2,973,735	22	8	$\frac{5}{10}$	1,150 00	625 00
	Norton, . . . .	1911	1,804,250	15	4	$\frac{3}{10}$	690 00	375 00
	Plainville, . . .	1911	1,117,077	8	2	$\frac{2}{10}$	460 00	250 00
69	Franklin, . . .	1911	5,586,151	41	11	$\frac{7}{10}$	1,890 00	-
	Wrentham, . . .	1911	1,749,641	11	3	$\frac{3}{10}$	810 00	375 00
70	Clarksburg, . .	1912	421,113	6	4	$\frac{3}{10}$	570 00	375 00
	Florida, . . . .	1912	1,058,266	5	5	$\frac{2}{10}$	380 00	250 00
	Monroe, . . . .	1912	301,946	3	2	$\frac{2}{10}$	380 00	250 00
	Savoy, . . . . .	1912	215,870	6	6	$\frac{3}{10}$	570 00	375 00
71	Blackstone, . .	1913	2,020,144	21	8	$\frac{9}{20}$	1,260 00	562 50
	Millville, . . .	1917	1,254,151	10	3	$\frac{4}{20}$	560 00	250 00
	Seekonk, . . . .	1913	2,126,921	15	7	$\frac{7}{20}$	980 00	437 50
72	Bedford, . . . .	1915	1,957,742	5	1	$\frac{1}{5}$	850 00	332 03
	Stoneham, . . .	1915	6,534,890	37	6	$\frac{4}{5}$	2,350 00	-
73	Boxford, . . . .	1916	884,000	5	4	$\frac{3}{10}$	660 00	375 00
	Middleton, . . .	1916	1,004,602	4	1	$\frac{2}{10}$	440 00	250 00
	Wilmington, . .	1916	2,198,661	18	6	$\frac{5}{10}$	1,100 00	625 00
74	Billerica, . . .	1920	6,289,608	27	3	$\frac{4}{5}$	2,240 00	-
	Burlington, . .	1920	1,114,151	4	1	$\frac{1}{5}$	560 00	250 00

*Statistics of State-aided Superintendency Unions — Concluded.*

Net cost of superintendent's salary.	Superintendent's salary.	Superintendent of schools.	JOINT COMMITTEE.	
			Chairman.	Secretary.
\$500 00 125 00 250 00 375 00	\$2,500	Frank C. Johnson, Ayer,	Albert W. Hinds, West Boylston.	George H. Brown, Ayer.
450 00 450 00	2,150	Oliver H. Toothaker, Swansea.	John D. Hilton, Swansea.	Ira A. Hathaway, Somerset.
297 50 42 50 510 00	2,100	Edward L. Hill, Assonet,	Dr. Charles A. Briggs (Assonet), Freetown.	Frank A. Potter, Westport.
525 00 315 00 210 00	2,300	Ira A. Jenkins, Foxborough.	Willis M. Fuller, Plainville.	Mrs. Martha J. Crowshaw, Norton.
1,890 00 435 00	2,700	Arthur W. Hale, Franklin.	George W. Wiggins, Franklin.	Ernest A. Hall, Wrentham.
195 00 130 00 130 00 195 00	1,900	D. F. Carpenter, 32 Meadow Street, North Adams.	Fred N. Haskins, Savoy,	John Henderson (Briggsville), North Adams.
697 50 310 00 542 50	2,800	Charles W. Walter, 31 Willow Street, Woonsocket, R. I.	Thomas F. Roche, Blackstone.	Henry W. Brown, Attleboro, R. F. D. No. 1.
517 97 2,350 00	3,200	Arthur B. Webber, Stoneham.	George A. Sweetnam, Bedford.	Wilfred A. Smith, Stoneham.
285 00 190 00 475 00	2,200	Roscoe G. Frame, Wilmington.	Ellen S. Perry, North Wilmington.	Philip B. Buzzell, Wilmington.
2,240 00 310 00	2,800	Eugene C. Vining, Billerica.	Dr. Maurice A. Beck, Billerica.	James McLaughlin, Burlington.

NOTE. — There are 236 towns in unions, — 213 State-aided, 23 not State-aided.

Of the foregoing unions, those numbered 22, 26, 37 and 52 were authorized by special acts of the Legislature.

## V. DATA REGARDING CERTIFICATION OF SUPERINTENDENTS OF SCHOOLS.

The Department of Education, as required by chapter 215 of the Acts of 1904, determines by examination or otherwise the qualifications of candidates for the position of superintendent of schools in a superintendency union.

In accordance with the above provisions of law, the Department now issues preliminary and permanent certificates of eligibility to appointment to a position as superintendent of schools in a superintendency union. Full information regarding such certification is given in Circular of Information No. 6, 1915.

YEAR.	Number certificated.	YEAR.	Number certificated.
1904, . . . . .	7	1912, . . . . .	21
1905, . . . . .	14	1913, . . . . .	15
1906, . . . . .	23	1914, . . . . .	14
1907, . . . . .	15	1915, . . . . .	9
1908, . . . . .	10	1916, . . . . .	11
1909, . . . . .	21	1917, . . . . .	18
1910, . . . . .	19	1918, . . . . .	19
1911, . . . . .	7	1919, . . . . .	11

The classes of certificates held are as follows:—

Permanent certificate, . . . . .	2
Preliminary certificate, . . . . .	88
Term certificate, . . . . .	145



# VI. DATA REGARDING HIGH SCHOOL PRINCIPALSHIPS, Nov. 1, 1919.

*Group I. High Schools in cities and towns having over 10,000 population.*

HIGH SCHOOL.	Principal.	Years' experience as principal or teacher previous to September, 1919.	Years as principal of this high school previous to September, 1919.	Salary for 1919-20.	Increase since October, 1918.	Membership of high school about Nov. 1, 1919.
Adams, . . .	Nutter, William J., . . .	13	1	\$2,100	\$300	238
Arlington, . . .	Burt, Carl D., . . .	24	2	2,900	200	618
Attleboro, . . .	Smith, James F., . . .	15	-	2,500	-	437
Beverly, . . .	Hurd, Benjamin S., . . .	41	34	2,850	150	900
Boston:—						
Brighton, . . .	Tupper, Frederic A., . . .	39	20	4,212	-	579
Charlestown, . . .	Regan, John W., <sup>1</sup> . . .	14	-	3,348	-	570
Commerce, <sup>2</sup> . . .	Downey, James E., . . .	21	9	4,204	-	1,425
Dorchester, . . .	Thomas, James E., . . .	40	8	4,212	144	2,050
East Boston, . . .	Eliot, John F., . . .	46	30	4,212	-	752
English, <sup>2</sup> . . .	Snow, William B., . . .	35	4	4,068	144	2,140
Girls' High, <sup>3</sup> . . .	Richardson, Myron W., . . .	30	8	4,212	-	2,037
Girls' Latin, <sup>3</sup> . . .	Hagood, Ernest G., . . .	18	9	4,212	-	292
Hyde Park, . . .	Earle, George W., . . .	29	11	4,068	224	802
Mechanic Arts, <sup>2</sup> . . .	Parmenter, Charles W., . . .	42	25	4,212	-	1,081
Practical Arts, <sup>3</sup> . . .	Weaver, Herbert S., . . .	34	12	4,212	-	495
Public Latin, <sup>2</sup> . . .	Pennypacker, Henry, . . .	31	10	4,212	-	1,024
Roxbury, <sup>3</sup> . . .	Laird, Raymond G., . . .	30	5	4,212	144	1,310
South Boston, . . .	Tower, Samuel F., . . .	35	-	3,492	-	890
West Roxbury, . . .	Lacey, Maurice J., . . .	15	-	3,348	-	915
Brockton, . . .	Getchell, Merle S., . . .	28	5	3,350	150	1,700
Brookline:—						
High, . . .	Akers, Winfred C., . . .	30	6	3,800	-	751
Practical Arts, . . .	Waldron, Chauncey W., . . .	9	5	3,000	-	70
Cambridge:—						
High and Latin, . . .	Cleveland, Leslie L., . . .	26	10	3,700	-	1,838
Rindge Technical, <sup>2</sup> . . .	Wood, John W., . . .	21	13	3,700	100	700
Chelsea, . . .	Gammons, Herman, . . .	15	4	2,900	100	745
Chicopee, . . .	Desmond, John J., Jr., . . .	10	6	2,900	100	340

<sup>1</sup> Acting principal.<sup>2</sup> For boys.<sup>3</sup> For girls.

*Data regarding High School Principalships, Nov. 1, 1919 — Continued.*  
*Group I. High schools in cities and towns having over 10,000 population —*  
*Continued.*

HIGH SCHOOL.	Principal.	Years' experience as principal or teacher previous to September, 1919.	Years as principal of this high school previous to September, 1919.	Salary for 1919-20.	Increase since October, 1918.	Membership of high school about Nov. 1, 1919.
Clinton, . . .	Cobb, Eben S., . . .	5	1	\$2,000	\$200	334
Danvers, . . .	Strout, Roy M., . . .	8	-	2,500	-	398
Dedham, . . .	Eaton, Ralph A., . . .	11	-	2,300	-	415
Everett, . . .	Rockwood, Wilbur J., . . .	34	26	3,000	-	942
Fall River, . . .	Moulton, Chas. K., . . .	21	2	3,900 <sup>1</sup>	300	1,557
Fitchburg, . . .	Woodbury, Chas. T., . . .	24	16	3,500	350	1,041
Framingham, . . .	Tillinghast, Chas. C., <sup>2</sup> . . .	12	-	2,700	200	520
Gardner, . . .	Smith, Maurice B., . . .	23	7	2,200	100	390
Gloucester, . . .	Kimball, Elwell F., . . .	20	5	2,400	-	708
Greenfield, . . .	Smith, Edgar B., . . .	25	1	2,000	400	372
Haverhill, . . .	Clow, Arlington I., . . .	13	4	3,000	150	1,140
Holyoke, . . .	Conant, Howard, . . .	25	13	3,600	300	757
Lawrence, . . .	Horne, James D., . . .	32	25	4,500	100	1,250
Leominster, . . .	Ringer, Wilfred H., . . .	9	1	2,300	100	515
Lowell, . . .	Woodward, Frederick R., . . .	24	-	2,600	-	1,602
Lynn: —						
Classical, . . .	Mitchell, Fred C., . . .	19	4	3,000	-	575
English, . . .	- . . .	-	-	-	-	1,350
Malden, . . .	Jenkins, Thornton, . . .	21	4	3,200	200	1,075
Marlborough, . . .	MacDougall, William J. B., . . .	14	4	2,100	100	400
Medford, . . .	Howlett, James D., . . .	17	7	3,200	200	1,100
Melrose, . . .	Sprague, William D., . . .	23	1	2,600	100	642
Methuen, . . .	Goodwin, Martin F., . . .	19	1	2,300	400	250
Milford, . . .	Fitzgerald, C. A., . . .	9	5	1,980	-	288
Natick, . . .	Betts, Herman B., . . .	12	1	2,000	100	425
New Bedford, . . .	Williams, G. Walter, . . .	25	9	4,375	875	875
Newburyport, . . .	Wells, Dana C., . . .	23	5	2,300	200	425

<sup>1</sup> Does not include salary as principal of evening school.

<sup>2</sup> Charles C. Tillinghast, acting principal; Walter H. Cushing, principal.

<sup>3</sup> Includes \$1,100 for managing afternoon session.

*Data regarding High School Principalships, Nov. 1, 1919 — Continued.*  
*Group I. High Schools in cities and towns having over 10,000 population —*  
*Continued.*

HIGH SCHOOL.	Principal.	Years' experience as principal or teacher previous to September, 1919.	Years as principal of this high school previous to September, 1919.	Salary for 1919-20.	Increase since October, 1918.	Membership of high school about Nov. 1, 1919.
Newton: —						
High, . . .	Adams, Enoch C., . . .	43	22	\$3,900	\$200	916
Technical, . . .	Palmer, Irving O., . . .	32	9	3,900	200	735
North Adams, . . .	Gadsby, Herbert H., . . .	33	24	3,000	400	306
Northampton, . . .	Plummer, Frederic W., . . .	28	1	2,800	300	351
Norwood, . . .	Cutler, Nathaniel A., . . .	28	20	2,100	200	400
Peabody, . . .	Woodman, Willard W., . . .	32	19	2,450	150	620
Pittsfield, . . .	Hulsman, Lorne B., . . .	14	2	3,200	200	900
Plymouth, . . .	Allen, W. F., . . .	17	—	2,200	—	295
Quincy, . . .	Collins, Ernest L., . . .	21	7	3,000	200	1,100
Revere, . . .	Morse, Frank P., . . .	27	18	2,800	100	1,100
Salem, . . .	Bosshart, John H., . . .	17	6	3,100	—	916
Saugus, . . .	Norris, Mrs. Lucie M., . . .	16	1	1,800	200	799
Somerville, . . .	Avery, John A., . . .	28	13	3,700	350	1,625
Southbridge, . . .	Clement, Ray A., . . .	7	1	2,070	270	160
Springfield: —						
Central, . . .	Hill, William C., . . .	25	9	4,300 <sup>1</sup>	300	704
Commerce, . . .	Ellis, Carlos B., . . .	33	9	4,100	300	935
Technical, . . .	Warner, Charles F., . . .	37	20	4,786 <sup>2</sup>	735	700
Taunton, . . .	Ward, Fred U., . . .	19	9	3,000	—	750
Wakefield, . . .	Peterson, Chas. J., . . .	12	—	2,800	450	578
Waltham, . . .	Eaton, Willis L., . . .	21	20	2,700	300	520
Watertown, . . .	Willard, Frederic R., . . .	13	3	2,800	200	409
Webster, . . .	Lobban, James A., . . .	20	16	2,600	—	201
Westfield, . . .	Kittredge, Herbert W., . . .	39	29	2,800	200	373
West Springfield, . . .	Cowing, William A., . . .	13	3	2,300	—	385
Weymouth, . . .	Hilton, Frederick W., . . .	23	8	2,500	300	325

<sup>1</sup> Includes salary as director of Junior College.

<sup>2</sup> Includes \$450 salary as principal of Evening School of Trades.

*Data regarding High School Principalships, Nov. 1, 1919 — Continued.*  
*Group I. High schools in cities and towns having over 10,000 population —*  
*Concluded.*

HIGH SCHOOL.	Principal.	Years' experience as principal or teacher previous to September, 1919.	Years as principal of this high school previous to September, 1919.	Salary for 1919-20.	Increase since October, 1918.	Membership of high school about Nov. 1, 1919.
Winchester, . . .	Curtis, Charles L., . . .	24	3	\$2,750	\$150	310
Winthrop, . . .	Clarke, Edward R., . . .	17	5	2,900	100	650
Woburn, . . .	Bean, Orel M., . . .	13	3	2,400	300	560
Worcester: —						
Classical, . . .	Porter, Chester T., . . .	22	2	3,750	550	500
Commerce, . . .	Andrews, Calvin H., . . .	26	3	3,750	550	1,565
North, . . .	Burbank, Charles E., . . .	29	8	3,750	550	765
South, . . .	Woodward, Edward M., . . .	33	16	3,750	550	581
High schools, 84.	Medians, . . .	23	7	\$3,000	—	700

*Group II. High schools in towns having less than 10,000 population and over 5,000 population.*

Abington, . . .	Cole, E. D., . . .	13	3	\$2,100	\$100	261
Amesbury, . . .	Brown, Forrest, . . .	27	25	2,150	200	380
Amherst, . . .	Cook, Jason O., . . .	11	—	2,500	—	305
Athol, . . .	Williams, Meredith G., . . .	14	4	2,400	200	280
Belmont, . . .	Scott, Frank A., . . .	16	9	2,400	200	309
Blackstone, . . .	Masterson, Vincent P., . . .	15	15	1,300	100	75
Braintree, . . .	Jordan, James L., . . .	11	1	2,100	150	280
Bridgewater, . . .	Grant, Leonard W., . . .	3	—	1,800	—	151
Canton, . . .	Cole, Roy E., . . .	8	6	2,200	200	174
Chelmsford, . . .	Merrill, Evan W. D., . . .	17	3	1,600	100	150
Concord, . . .	Goddard, Warren B., . . .	23	3	2,000	100	370
Dartmouth: —						
Central, . . .	Dodge, Russell C., . . .	5	—	1,300	—	8
North, <sup>1</sup> . . .	Goodwin, Harry S., . . .	4	3	1,400	250	17
South, <sup>1</sup> . . .	Sherman, Eva M., . . .	15	1	1,100	50	23

<sup>1</sup> Not a four-year high school.

*Data regarding High School Principalships, Nov. 1, 1919 — Continued.*  
*Group II. High schools in towns having less than 10,000 population and over 5,000 population — Continued.*

HIGH SCHOOL.	Principal.	Years' experience as principal or teacher previous to September, 1919.	Years as principal of this high school previous to September, 1919.	Salary for 1919-20.	Increase since October, 1918.	Membership of high school about Nov. 1, 1919.
Easthampton, . . .	Smith, Ivan G., . . .	10	-	\$2,500	-	169
Easton, . . .	Smith, Frederick, . . .	5	-	1,800	-	304
Fairhaven, . . .	Dickey, Geo. C., . . .	7	-	2,300	-	245
Franklin, . . .	Lamb, Charles B., . . .	12	5	1,900	\$50	167
Grafton, . . .	Stevens, Harry R., . . .	8	2	2,200	400	119
Great Barrington, . . .	Austin, W. Scott, . . .	7	1	2,000	100	244
Hingham, . . .	Andrews, Walter E., . . .	28	5	2,500	-	243
Hudson, . . .	Williams, Charles A., . . .	29	22	1,950	100	213
Ipswich, . . .	Marston, John P., . . .	46	24	2,100	200	159
Lexington, . . .	Merry, Bion C., . . .	17	-	2,400	-	281
Ludlow, . . .	Gushee, Mrs. Helen M., . . .	28	14	1,500	200	46
Mansfield, . . .	Hadlock, Fred H., . . .	19	13	1,860	100	245
Marblehead, . . .	Campbell, George P., . . .	19	13	2,200	200	280
Maynard, . . .	Bates, Horace F., . . .	20	3	1,700	50	116
Middleborough, . . .	Sampson, Walter, . . .	33	29	2,600	200	223
Millbury, . . .	Bowen, Stephen F., . . .	4	-	1,800	-	148
Milton, . . .	Wingate, Frank T., . . .	24	1	2,700	200	472
Montague, . . .	Keating, Joseph S., . . .	11	4	2,450	200	220
Needham, . . .	Campbell, G. H., . . .	15	-	2,300	-	196
North Andover, . . .	Dame, Dana P., . . .	21	8	2,750 <sup>1</sup>	450	166
North Attleborough, . . .	Kierstead, Fred H., . . .	5	-	2,000	-	198
Northbridge, . . .	Morrison, Wm. D., . . .	12	1	2,000	300	156
Orange, . . .	Marsden, Geo. C., . . .	3	-	1,800	-	215
Palmer, . . .	Hurley, John E., . . .	6	5	2,100	300	209
Reading, . . .	Safford, Adelbert L., . . .	32	6	3,000 <sup>1</sup>	-	351
Rockland, . . .	Strout, Charles A., . . .	14	1	2,000	400	254
South Hadley, . . .	Cummings, Allen C., . . .	26	-	2,000	-	162
Spencer, . . .	Agard, Irving H., . . .	9	3	2,500 <sup>1</sup>	-	92
Stoneham, . . .	Emerson, Charles J., . . .	31	24	2,200	100	252

<sup>1</sup> Includes salary as superintendent.

*Data regarding High School Principalships, Nov. 1, 1919 — Continued.*  
*Group II. High schools in towns having less than 10,000 population and over 5,000 population — Concluded.*

HIGH SCHOOL.	Principal.	Years' experience as principal or teacher previous to September, 1919.	Years as principal of this high school previous to September, 1919.	Salary for 1919-20.	Increase since October, 1918.	Membership of high school about Nov. 1, 1919.
Stoughton, . . .	Pomeroy, Ray Eugene, .	14	1	\$1,700	\$100	217
Swampscott, . . .	Low, George W., . . .	17	3	2,600	100	203
Walpole, . . . .	Mansur, Frank L., . . .	9	1	2,300	-	267
Ware, . . . . .	Smith, Nathan R., . . .	24	12	2,200	300	130
Wareham, . . . .	Alden, Lester F., . . .	12	2	1,700	100	150
Wellesley, . . . .	Gilbert, Geo. H., Jr., .	3	-	2,500	-	138
Westborough, . . .	Grindle, Thomas S., . .	9	3	2,500	900	135
Whitman, . . . .	Wyman, Elwood T., . . .	3	1	2,750	250	200
Winchendon, . . .	Greenfield, M. Leroy, .	10	-	2,000	-	204
High schools, 52.	Medians, . . . . .	14	3½	\$2,100	-	203½

*Group III. High schools in towns having less than 5,000 population and having 500 families.*

Ashland, . . . .	Macfarlane, Geo., . . .	5	-	\$1,400	-	46
Avon, . . . . .	Christiansen, Adolph O.,	6	2	1,500	-	108
Ayer, . . . . .	Gleason, Ernest M., . .	20	8	1,600	-	100
Barnstable:—						
Cotuit, . . . . .	Sanderson, Burton W., .	16	7	1,100	-	24
Hyannis, . . . .	Boody, Louis M., . . .	26	24	1,800	\$70	134
Barre, . . . . .	Vaughan, Jos. D., . . .	5	1	1,950	150	88
Belchertown, . . .	Allen, Thomas, . . . .	24	6	1,300	-	53
Billerica, . . . .	Vining, Eugene C., . . .	21	18	2,300 <sup>1</sup>	150	288
Bourne, . . . . .	Congdon, Herbert E., . .	20	-	1,800	-	87
Brookfield, . . . .	Houston, June C., . . .	1	1	1,500	100	57
Chatham, . . . . .	Stoddard, Edgar A., . .	-	-	1,400	-	51
Cohasset, . . . .	Morrison, Arthur C., . .	2	1	1,600	100	98

<sup>1</sup> Includes salary as superintendent.

*Data regarding High School Principalships, Nov. 1, 1919 — Continued.*  
*Group III. High schools in towns having less than 5,000 population and*  
*having 500 families — Continued.*

HIGH SCHOOL.	Principal.	Years' experience as principal or teacher previous to September, 1919.	Years as principal of this high school previous to September, 1919.	Salary for 1919-20.	Increase since October, 1918.	Membership of high school about Nov. 1, 1919.
Dalton, . . .	Jackman, Ernest D., . .	10	5	\$1,950	\$250	125
Dennis, . . .	Guild, Charles A., . . .	32	5	1,300	100	45
Dudley, <sup>1</sup> . . .	Jacobs, Charles F., . . .	32	5	1,240	—	19
Duxbury, . . .	Mott, Arthur J., . . .	4	1	1,800	200	68
East Bridgewater, . .	Hempel, Edward C., . . .	10	1	1,700	200	153
Falmouth, . . .	Arey, David K., . . .	13	1	2,000	200	165
Foxborough, . . .	Thompson, Leighton S., .	8	1	1,800	200	128
Groton, . . .	Richardson, Alfred P., . .	5	1	1,500	—	66
Groveland, . . .	Moulton, O. J., . . .	5	2	1,800	300	96
Hadley, . . .	Reed, James P., . . .	9	5	2,000	350	80
Hanover, . . .	Burch, Joseph F., . . .	10	1	1,400	—	40
Hardwick, . . .	Vail, Guy W., . . .	8	1	1,950	250	113
Harwich, . . .	Daniels, Geo. H., . . .	1	1	1,600	250	61
Holbrook, . . .	Winthrop, Frank, . . .	5	—	1,800	—	130
Holden, . . .	Richardson, Edwin A., . .	18	1	1,800	200	68
Holliston, . . .	Farrin, Leon M., . . .	4	1	1,500	100	80
Hopedale, . . .	Johnson, Arthur C., . . .	24	11	2,200	275	40
Hopkinton, . . .	Supple, Miss Mary A., . .	18	18	1,250	150	49
Kingston, . . .	Merrill, Lee S., . . .	10	8	1,700	300	59
Lancaster, . . .	Rollins, Arthur S., . . .	9	6	2,500 <sup>2</sup>	100	40
Lee, . . .	Millar, Clifford W., . . .	9	1	1,850	250	123
Lenox, . . .	Kane, Thomas F., . . .	5	5	2,400	100	90
Manchester, . . .	Matthews, John O., . . .	8	2	1,700	100	85
Marshfield, . . .	Putney, W. R., . . .	1	—	1,300	—	47
Medway, . . .	Anderson, Jas. G., . . .	5	1	1,500	150	88
Merrimac, . . .	Simmons, Fred J., . . .	13	1	1,500	—	72
Nantucket, . . .	Tirrell, Edwin S., . . .	34	6	1,800	200	78
North Brookfield, . .	Easter, Robert S., . . .	4	—	1,700	—	79
Norton, . . .	Sanborn, Kent L., . . .	7	1	1,500	200	62

<sup>1</sup> Not a four-year high school.<sup>2</sup> Includes salary as superintendent.

*Data regarding High School Principalships, Nov. 1, 1919 — Continued.*  
*Group III. High schools in towns having less than 5,000 population and*  
*having 500 families — Concluded.*

HIGH SCHOOL.	Principal.	Years' experience as principal or teacher previous to September, 1919.	Years as principal of this high school previous to September, 1919.	Salary for 1919-20.	Increase since October, 1919.	Membership of high school about Nov. 1, 1919.
Oxford, . . .	Nelson, Chesley W., . .	9	2	\$1,800	\$200	77
Pepperell, . . .	Whitmarsh, Dudley L., .	18	6	1,500	50	90
Provincetown, . . .	Bush, Edith L., . . .	16	1	1,500	100	99
Randolph, . . .	Chapin, Frederick E., . .	30	22	1,500	—	139
Rockport, . . .	Woodward, William A., .	32	13	1,450	150	152
Scituate, . . .	Andrews, Waldo V., . .	9	1	1,900	100	85
Sharon, . . .	Burton, John A., . . .	14	—	1,800	—	111
Shrewsbury, . . .	Beal, Wyman L., . . .	9	2	1,800	200	50
Somerset, . . .	Kimball, George E., . .	10	—	1,300	—	49
Sutton, . . .	Park, William G., . . .	30	—	1,500	—	40
Templeton, . . .	Risley, C. Harold, . . .	7	—	1,800	—	110
Townsend, . . .	Bachelor, John H., . . .	5	—	1,400	—	57
Upton, . . .	Cole, A. Russell C., . . .	7	4	1,600	100	89
Uxbridge, . . .	Wentworth, Marshall, . .	25	7	1,650	110	125
Warren, . . .	Genthner, S. B., . . .	8	2	1,800	250	188
Wayland, . . .	Allen, David J., . . .	11	1	1,950	200	54
West Bridgewater, . .	Smith, Augustus H., . .	14	2	2,100	100	120
Westford, . . .	Roudenbush, William C., .	21	7	1,800	150	66
Weston, . . .	Eaton, Charles M., . . .	28	24	2,900 <sup>1</sup>	200	90
Westport, <sup>2</sup> . . .	Jenks, Mildred B., . . .	4	1	1,200	200	37
Williamstown, . . .	Howard, Will Russell, . .	30	8	2,400	—	125
Wilmington, . . .	Mixer, Nelson I., . . .	10	—	1,700	—	103
High schools, 63.	Medians, . . .	10	2	\$1,700	—	82½

<sup>1</sup> Includes salary as superintendent of schools.

<sup>2</sup> Not a four-year high school.



*Data regarding High School Principalships, Nov. 1, 1919 — Continued.*

*Group IV. High schools in towns having less than 500 families.*

HIGH SCHOOL.	Principal.	Years' experience as principal or teacher previous to September, 1919.	Years as principal of this high school previous to September, 1919.	Salary for 1919-20.	Increase since October, 1918.	Membership of high school about Nov. 1, 1919.
Ashby, . . . .	Kent, Ralph Revere, . .	6	1	\$1,400	\$200	26
Ashfield, . . . .	Carle, Henry D., . . .	-	-	1,200	-	45
Bernardston, . . . .	Linseott, W. L., . . .	13	1	1,800	-	37
Bolton, . . . .	Dow, Susan L., . . .	16	2	850	-	24
Brewster, . . . .	Larned, Lisbeth, . . .	29	1	1,000	-	19
Brimfield, . . . .	Kenney, George F., . .	14	12	1,700	100	65
Carver, . . . .	Hall, Walton S., . . .	3	2	1,500	250	23
Charlemont, . . . .	Randall, Chas. S., . .	1	-	1,500	-	39
Charlton, . . . .	Carpenter, F. A., . . .	38	2	1,200	250	36
Chester, . . . .	Lovejoy, Esther L., . .	2	1	1,200	200	47
Conway, . . . .	Marshall, C. W., . . .	3	-	1,200	-	36
Douglas, . . . .	Holmes, Clarence W., . .	12	1	1,500	-	13
Dover, . . . .	Bryant, Carl R., . . .	15	6	1,980	180	35
Edgartown, . . . .	Averill, Alfred A., . .	13	1	1,700	200	26
Essex, . . . .	Moore, M. C., . . .	12	2	1,300	200	57
Hamilton, . . . .	Archibald, Herbert H., .	4	2	2,000	400	77
Huntington, . . . .	Poole, Joseph E., . . .	-	-	1,400	-	46
Littleton, . . . .	Harris, W. P., . . .	5	-	1,500	-	54
Lunenburg, . . . .	Harwood, Joseph A., . .	11	4	1,350	125	40
Medfield, . . . .	Hartford, Alton H., . .	13	-	1,700	200	65
Mendon, . . . .	Wisbey, Herbert A., . .	2	1	1,400	100	32
Millis, . . . .	Chamberlain, R. P., . .	7	2	1,700	200	62
Nahant, <sup>1</sup> . . . .	Cushman, Robert, Jr., .	17	2	2,100 <sup>2</sup>	100	62
New Marlborough, . .	Gillon, E. Bernadette, .	1	1	800	50	32
New Salem, . . . .	Saban, Alfred L., . . .	24	-	1,500	-	45
Northborough, . . . .	Rice, Frances E., . . .	20	1	1,400	100	46
Northfield, . . . .	Allen, Saisie E., . . .	16	1	1,500	500	91
Norwell, . . . .	Nichols, J. M., . . .	16	2	1,700	200	49
Oak Bluffs, . . . .	Leonard, Alpha F., . .	15	4	1,800	200	25

<sup>1</sup> Not a four-year high school.

<sup>2</sup> Includes salary as superintendent of schools.

*Data regarding High School Principalships, Nov. 1, 1919 — Concluded.*

*Group IV. High schools in towns having less than 500 families —  
Concluded.*

HIGH SCHOOL.	Principal.	Years' experience as principal or teacher previous to September, 1919.	Years as principal of this high school previous to September, 1919.	Salary for 1919-20.	Increase since October, 1918.	Membership of high school about Nov. 1, 1919.
Orleans, . . .	Stewart, Herbert D., . .	18	11	\$1,650	\$50	62
Pembroke, . . .	Higgins, John S., . .	4	-	1,400	-	35
Petersham, . . .	Lee, Karl D., . .	5	-	1,600	200	38
Plainville, . . .	Williston, Amasa F., . .	-	-	1,300	-	45
Princeton, <sup>1</sup> . . .	Pethybridge, Chas. E., . .	13	3	1,200	-	25
Rutland, . . .	Moody, Van Buren, . .	5	-	1,400	-	26
Sandwich, . . .	Irwin, Grace W., . .	34	11	1,500	100	50
Sheffield, . . .	Clark, Ralph N., . .	-	-	1,200	-	33
Shelburne, . . .	Vose, James W., . .	15	3	2,500	500	172
Sherborn, . . .	Baker, J. Murray, . .	11	1	1,500	100	30
Southborough, . . .	Hunt, Harold D., . .	1	-	1,500	-	72
Sterling, <sup>1</sup> . . .	Gibbons, Austin J., . .	14	2	1,250	100	37
Stockbridge, . . .	Baird, Paul R., . .	7	-	1,500	-	60
Stow, . . .	Green, Everett W., . .	6	-	1,425	-	43
Sudbury, . . .	Pickett, Mary G. L., . .	13	1	1,200	200	39
Tisbury, . . .	Benshimol, Ernest, . .	1	-	1,600	-	61
Topsfield, . . .	Patterson, Brenton C., . .	8	2	1,600	200	21
Wellfleet, . . .	Townsend, Clarence C., . .	3	2	1,000	-	26
West Boylston, . . .	Murdock, George F., . .	30	5	1,600	100	37
Westminster, . . .	Baker, Lucas L., . .	28	9	1,100	50	23
West Newbury, . . .	Page, John C., . .	11	4	1,800	-	51
Williamsburg, . . .	Dunphy, Anne T., . .	4	1	1,000	-	61
Wrentham, . . .	Allen, Ralph C., . .	-	-	1,500	-	44
Yarmouth, . . .	Pearce, John A. W., . .	3	-	1,600	-	51
High schools, 53	Medians, . . .	11½	2	\$1,500	-	40

<sup>1</sup> Not a four-year high school.

VII. MASSACHUSETTS HIGH SCHOOLS APPROVED BY THE  
DEPARTMENT OF EDUCATION FOR THE PRIVILEGE OF  
CERTIFICATION TO STATE NORMAL SCHOOLS FOR 1919.

[Schools not otherwise designated are in Class A; schools in Class B are designated thus (B).]

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Abington.	Brimfield.	Grafton.
Adams.	Brockton.	Great Barrington.
Amesbury.	Brookfield.	Greenfield.
Amherst.	Brookline: —	Groton.
Andover (Punchard School). <sup>1</sup>	High.	Groveland.
Arlington.	Cambridge: —	Hadley.
Ashburnham (Cushing Academy). <sup>1</sup>	High and Latin.	Hamilton.
Ashby. (B)	Rindge Technical.	Hanover. (B)
Ashfield.	Canton.	Hardwick.
Ashland.	Carver. (B)	Harvard (Bromfield School). <sup>1</sup>
Athol.	Charlemont.	Harwich.
Attleboro.	Charlton (B)	Hatfield (Smith Academy). <sup>1</sup>
Avon. (B)	Chatham.	Haverhill.
Ayer.	Chelmsford.	Hingham.
Barnstable: —	Chelsea.	Holbrook. (B)
Cotuit. (B)	Chester.	Holden.
Hyannis.	Chicopee.	Holliston.
Barre.	Clinton.	Holyoke.
Belchertown. (B)	Cohasset.	Hopedale.
Belmont.	Concord.	Hopkinton.
Bernardston. (B)	Conway. (B)	Hudson.
Beverly.	Dalton. (B)	Huntington.
Billerica.	Danvers.	Ipswich.
Blackstone. (B)	Dedham.	Kingston. (B)
Boston: —	Deerfield (Deerfield Academy). <sup>1</sup>	Lancaster.
Brighton.	Dennis.	Lawrence.
Charlestown.	Dover.	Lee. (B)
Commerce.	Duxbury.	Leicester.
Dorchester.	East Bridgewater.	Lenox.
East Boston.	Easthampton.	Leominster.
English.	Easton.	Lexington.
Girls' High.	Edgartown.	Littleton.
Girls' Latin.	Essex.	Lowell.
Hyde Park.	Everett.	Ludlow.
Mechanic Arts.	Fairhaven.	Lunenburg.
Practical Arts.	Fall River.	Lynn: —
Public Latin.	Falmouth.	Classical.
Roxbury.	Fitchburg.	English.
South Boston.	Foxborough.	Malden.
West Roxbury.	Frammingham.	Manchester.
Bourne.	Franklin.	Mansfield.
Braintree.	Gardner.	Marblehead.
Brewster. (B)	Georgetown (Perley Free School). <sup>1</sup>	Marlborough.
Bridgewater.	Gloucester.	Marshfield. (B)
		Maynard.

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<sup>1</sup> Private school.

*Massachusetts High Schools approved by the Department of Education for the Privilege of Certification to State Normal Schools for 1919 — Concluded.*

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Medfield.	Pepperell.	Tisbury.
Medford.	Petersham.	Topsfield.
Medway.	Pittsfield.	Townsend. (B)
Melrose.	Plainville.	Upton.
Mendon. (B)	Plymouth.	Uxbridge.
Merrimac.	Provincetown.	Wakefield.
Methuen.	Quincy: —	Walpole.
Middleborough.	High.	Waltham.
Milford.	Woodward Institute. <sup>1</sup>	Ware.
Millbury.	Randolph. (B)	Wareham.
Millis.	Reading.	Warren.
Milton.	Revere.	Watertown.
Monson (Monson Academy). <sup>1</sup>	Rockland.	Wayland.
Montague.	Rockport.	Webster.
Nantucket.	Rutland. (B)	Wellesley.
Natick.	Salem.	Wellfleet. (B)
Needham.	Sandwich.	Westborough.
New Bedford.	Saugus.	West Boylston.
Newburyport.	Scituate.	West Bridgewater
New Marlborough. (B)	Sharon.	(Howard High). <sup>1</sup>
New Salem. (B)	Sheffield. (B)	Westfield.
Newton: —	Shelburne.	Westford.
High.	Sherborn. (B)	Westminster.
Technical.	Shrewsbury.	West Newbury.
North Adams.	Somerset.	Weston.
Northampton.	Somerville.	West Springfield.
North Andover.	Southborough.	Weymouth.
North Attleborough.	Southbridge.	Whitman.
Northborough.	South Hadley.	Williamsburg.
Northbridge.	Spencer.	Williamstown.
North Brookfield.	Springfield: —	Wilmington.
Northfield.	Central.	Winchendon.
Norton.	Commerce.	Winchester.
Norwell.	Technical.	Winthrop.
Norwood.	Stockbridge.	Woburn.
Oak Bluffs.	Stoneham.	Worcester: —
Orange.	Stoughton.	Classical.
Orleans.	Stow.	Commerce.
Oxford.	Sudbury.	North.
Palmer.	Sutton. (B)	South.
Peabody.	Swampscott.	Wrentham.
Pembroke.	Taunton.	Yarmouth. — 250.
	Templeton.	

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<sup>1</sup> Private school.

# VIII. TOWNS OF LESS THAN 500 FAMILIES AND STATE AID FOR HIGH SCHOOL EDUCATION THEREIN, SCHOOL YEAR ENDING JUNE 30, 1919.

## *Explanation of Abbreviations and Symbols in Table.*

In column 5—

"Acad." denotes that high school education was furnished by a high school not under the order and superintendence of the school committee.

In columns 5 and 7—

"Excess" denotes that the ratio of the valuation to the average membership of the schools exceeded the corresponding ratio for the Commonwealth; consequently, the town received no high school aid or tuition reimbursement.

In column 7—

\* denotes valuation over \$1,000,000; reimbursement, **one-half**.

† denotes valuation of \$500,000 to \$1,000,000; reimbursement, **three-fourths**.

No symbol, valuation less than \$500,000; reimbursement, **in full**.

In column 8—

† denotes that the town expended from local taxation for the support of schools less than \$4 per \$1,000 valuation; consequently, the town received no high school transportation reimbursement,

\* denotes said expenditure was between \$4 and \$5 per \$1,000 valuation; reimbursement, **one-half**.

† denotes said expenditure was between \$5 and \$6; reimbursement, **three-fourths**.

No symbol, said expenditure was over \$6; reimbursement, **in full**.

TOWN.	Families, State Census, 1915.	LOCAL HIGH SCHOOL.				ATTENDANCE AT HIGH SCHOOLS IN OTHER TOWNS OR CITIES.			Total State aid for high school education.
		Years in course.	Resident pupils enrolled in high school.	Number of teachers based on time devoted to high school.	State aid.	Resident pupils attending public high schools in other towns or cities.	State reimbursement for tuition.	State reimbursement for transportation.	
	1	2	3	4	5	6	7	8	9
Alford, . . .	67	-	-	-	-	7	\$423 90	\$366 00†	\$789 90
Ashby, . . .	262	4	25	2½ <sub>25</sub>	\$510 00	-	-	-	510 00
Ashfield, . . .	269	4	53	3	750 00	-	-	-	750 00
Becket, . . .	247	-	-	-	-	12	630 00†	545 89	1,175 89
Bedford, . . .	330	-	-	-	-	41	Excess	348 93†	348 93
Bellingham, . . .	446	-	-	-	-	20	434 29*	411 62	845 91
Berkley, . . .	251	-	-	-	-	16	723 75†	250 49*	974 24
Berlin, . . .	231	-	-	-	-	18	641 72†	100 05*	741 77
Bernardston, . . .	208	4	35	2½ <sub>35</sub>	507 14	-	-	-	507 14
Blandford, . . .	155	-	-	-	-	13	577 13†	421 88†	999 01
Bolton, . . .	198	1	8	¾	166 67	4	164 88†	151 88†	483 43
Boxborough, . . .	73	-	-	-	-	11	890 00	306 59†	1,196 59

*Towns of Less than 500 Families and State Aid for High School Education therein, School Year ending June 30, 1919 — Continued.*

TOWN.	Families, State Census, 1915.	LOCAL HIGH SCHOOL.				ATTENDANCE AT HIGH SCHOOLS IN OTHER TOWNS OR CITIES.			Total State aid for high school education.
		Years in course.	Resident pupils enrolled in high school.	Number of teachers based on time devoted to high school.	State aid.	Resident pupils attending public high schools in other towns or cities.	State reimbursement for tuition.	State reimbursement for transportation.	
	1	2	3	4	5	6	7	8	9
Boxford, . . .	189	-	-	-	Acad.	14	\$649 50†	†	\$649 50
Boylston, . . .	187	-	-	-	-	26	1,867 88†	\$461 15	2,329 03
Brewster, . . .	233	4	25	-	Excess	-	-	-	-
Brimfield, . . .	232	4	54	4½	\$1,050 00	-	-	-	1,050 00
Buckland, . . .	419	-	-	-	-	52	1,312 00*	441 87*	2,253 87
Burlington, . . .	200	-	-	-	-	34	771 88*	221 63†	993 51
Carlisle, . . .	140	-	-	-	-	21	1,212 00†	†	1,212 00
Carver, . . .	448	4	31	-	Excess	-	-	-	-
Charlemont, . . .	265	4	31	3	750 00	-	-	-	750 00
Charlton, . . .	497	4	32	21½ <sub>60</sub>	545 83	-	-	-	545 83
Cheshire, . . .	366	-	-	-	-	39	1,215 00†	690 20	1,905 20
Chester, . . .	337	4	27	35¾ <sub>115</sub>	863 04	-	-	-	863 04
Chesterfield, . . .	144	-	5 <sup>1</sup>	-	-	4	210 00	196 50	406 50
Chilmark, . . .	98	-	-	-	-	2	Excess	†	-
Clarksburg, . . .	248	-	-	-	-	10	540 56	No claim	540 56
Colrain, . . .	401	-	-	-	-	34	1,902 00†	1,218 48	3,120 48
Conway, . . .	316	4	23	2	500 00	-	-	-	500 00
Cummington, . . .	172	-	-	-	-	8	565 00	136 75*	701 75
Dana, . . .	201	-	-	-	-	16	668 75	496 26†	1,165 01
Douglas, . . .	476	2	12	157¼ <sub>145</sub>	348 28	4	110 00*	240 00	698 28
Dover, . . .	215	5	33	-	Excess	-	-	-	-
Dunstable, . . .	96	-	-	-	-	8	592 50	262 37†	854 87
Eastham, . . .	154	-	-	-	-	27	1,950 00	741 00†	2,691 00
East Longmeadow, . . .	457	-	-	-	-	61	2,508 00*	925 76	3,433 76
Edgartown, . . .	403	4	31	-	Excess	-	-	-	-
Egremont, . . .	163	-	-	-	-	13	369 56†	†	369 56
Enfield, . . .	220	-	-	-	-	22	822 19†	773 45†	1,595 64
Erving, . . .	292	-	-	-	-	23	397 88*	361 76†	759 64

<sup>1</sup> Certain pupils receive instruction in high school work.

*Towns of Less than 500 Families and State Aid for High School Education therein, School Year ending June 30, 1919 — Continued.*

TOWN.	Families, State Census, 1915.	LOCAL HIGH SCHOOL.				ATTENDANCE AT HIGH SCHOOLS IN OTHER TOWNS OR CITIES.			Total State aid for high school education.
		Years in course.	Resident pupils enrolled in high school.	Number of teachers based on time devoted to high school.	State aid.	Resident pupils attending public high schools in other towns or cities.	State reimbursement for tuition.	State reimbursement for transportation.	
	1	2	3	4	5	6	7	8	9
Essex, . . . .	483	4	50	3 $\frac{1}{4}$ <sub>100</sub>	\$752 50	-	-	-	\$752 50
Florida, . . . .	84	-	-	-	-	2	Excess	\$38 25*	38 25
Freetown, . . . .	431	-	-	-	-	29	\$1,295 00*	1,017 10	2,312 10
Gay Head, . . . .	40	-	-	-	-	3	300 00 <sup>1</sup>	†	300 00
Gill, . . . .	223	-	-	-	-	21	959 06†	402 75†	1,361 81
Goshen, . . . .	69	-	-	-	-	1	100 00	†	100 00
Gosnold, . . . .	35	-	-	-	-	-	Excess	†	-
Granby, . . . .	168	-	-	-	-	17	630 29†	668 90	1,299 19
Granville, . . . .	203	-	-	-	-	9	509 13†	348 00	857 13
Greenwich, . . . .	128	-	-	-	-	4	240 00	117 53*	357 53
Halifax, . . . .	174	-	-	-	-	19	501 75†	334 70*	836 45
Hamilton, . . . .	441	4	65	-	Excess	-	-	-	-
Hampden, . . . .	180	-	-	-	-	37	3,002 00	1,314 78	4,316 78
Hancock, . . . .	122	-	-	-	-	2	No claim	27 75*	27 75
Harvard, . . . .	284	-	-	-	Acad.	-	-	-	-
Hatfield, . . . .	497	-	-	-	Acad.	-	-	-	-
Hawley, . . . .	100	-	-	-	-	8	470 20	420 00	890 20
Heath, . . . .	96	-	-	-	-	9	513 72	441 00	954 72
Hinsdale, . . . .	295	-	-	-	-	30	1,023 75†	872 31	1,896 06
Holland, . . . .	47	-	-	-	-	2	120 00	†	120 00
Hubbardston, . . . .	300	-	-	-	-	21	794 63†	838 02	1,632 65
Hull, . . . .	442	-	-	-	-	29	Excess	†	-
Huntington, . . . .	347	4	36	32 $\frac{3}{4}$ <sub>40</sub>	893 75	-	-	-	893 75
Lakeville, . . . .	347	-	-	-	-	32	1,061 88*	452 75†	1,514 63
Lanesborough, . . . .	262	-	-	-	-	29	1,012 50†	448 05	1,460 55
Leverett, . . . .	202	-	-	-	-	15	862 75	425 06†	1,287 81
Leyden, . . . .	82	-	-	-	-	4	290 00	156 38†	446 38
Lincoln, . . . .	295	-	-	-	-	34	Excess	361 90*	361 90

<sup>1</sup> Of this amount, \$120 was for a previous school year.

*Towns of Less than 500 Families and State Aid for High School Education therein, School Year ending June 30, 1919 — Continued.*

TOWN.	Families, State Census, 1915.	LOCAL HIGH SCHOOL.				ATTENDANCE AT HIGH SCHOOLS IN OTHER TOWNS OR CITIES.			Total State aid for high school education.
		Years in course.	Resident pupils enrolled in high school.	Number of teachers based on time devoted to high school.	State aid.	Resident pupils attending public high schools in other towns or cities.	State reimbursement for tuition.	State reimbursement for transportation.	
	1	2	3	4	5	6	7	8	9
Littleton, . . .	303	4	53	3 <sup>19</sup> / <sub>4</sub> 200	\$761 37	-	-	-	\$761 37
Longmeadow, . .	444	-	-	-	-	59	Excess	\$412 79*	412 79
Lunenburg, . . .	409	4	47	4 <sup>58</sup> / <sub>700</sub>	1,020 71	-	-	-	1,020 71
Lynnfield, . . .	313	-	-	-	-	39	Excess	600 76*	600 76
Marion, . . . .	405	-	-	-	Acad.	8	-	-	-
Mashpee, . . . .	67	-	-	-	-	1	Excess	27 75*	27 75
Mattapoissett, .	361	-	-	-	-	37	Excess	†	-
Medfield, . . .	490	4	71	-	Excess	-	-	-	-
Mendon, . . . .	254	4	32	2	500 00	-	-	-	500 00
Middlefield, . .	70	-	-	-	-	11	\$522 00	568 50	1,090 50
Middleton, . . .	277	-	-	-	-	14	657 00†	†	657 00
Millis, . . . .	298	4	58	4 <sup>2</sup> / <sub>5</sub>	1,100 00	-	-	-	1,100 00
Millville, . . .	425	-	-	-	-	34	919 75*	614 80	1,534 55
Monroe, . . . .	51	-	-	-	-	-	Excess	†	-
Monterey, . . .	97	-	-	-	-	3	111 25	†	111 25
Montgomery, . .	54	-	-	-	-	3	171 00	No claim	171 00
Mount Washington,	22	-	-	-	-	-	Excess	†	-
Nahant, . . . .	345	2	19	-	-	12	Excess	†	-
New Ashford, . .	23	-	-	-	-	1	50 00	26 25*	76 25
New Braintree, .	94	-	-	-	-	10	486 00	254 25*	740 25
Newbury, . . . .	417	-	-	-	-	28	910 00*	529 00*	1,439 00
New Marlborough,	278	4	18	2	500 00	-	-	-	500 00
New Salem, . .	188	4	30	2 <sup>8</sup> / <sub>40</sub>	700 00	-	-	-	700 00
Norfolk, . . . .	274	-	-	-	-	46	1,055 75*	595 65†	1,651 40
Northborough, .	466	4	38	3 <sup>2</sup> / <sub>5</sub>	764 29	-	-	-	764 29
Northfield, . . .	455	4	51	3 <sup>2</sup> / <sub>5</sub>	764 29	-	-	-	764 29
North Reading, .	337	-	-	-	-	29	853 00*	307 41*	1,160 41
Norwell, . . . .	456	4	45	4 <sup>1</sup> / <sub>15</sub>	1,066 67	-	-	-	1,066 67



*Towns of Less than 500 Families and State Aid for High School Education therein, School Year ending June 30, 1919 — Continued.*

TOWN.	Families, State Census, 1915.	LOCAL HIGH SCHOOL.				ATTENDANCE AT HIGH SCHOOLS IN OTHER TOWNS OR CITIES.			Total State aid for high school education.
		Years in course.	Resident pupils enrolled in high school.	Number of teachers based on time devoted to high school.	State aid.	Resident pupils attending public high schools in other towns or cities.	State reimbursement for tuition.	State reimbursement for transportation.	
	1	2	3	4	5	6	7	8	9
Oak Bluffs, . . .	353	4	22	-	Excess	-	-	-	-
Oakham, . . .	142	-	-	-	-	17	\$829 00	\$615 63†	\$1,444 63
Orleans, . . .	359	4	67	-	Excess	-	-	-	-
Otis, . . .	120	-	-	-	-	4	210 00	98 66†	308 66
Paxton, . . .	117	-	-	-	-	9	880 00	†	880 00
Pelham, . . .	125	-	-	-	-	20	1,213 13	†	1,213 13
Pembroke, . . .	398	4	40	237/40	\$731 25	3	-	-	731 25
Peru, . . .	50	-	-	-	-	-	Excess	†	-
Petersham, . . .	188	4	30	27/8	718 75	-	-	-	718 75
Phillipston, . . .	105	-	-	-	-	6	205 00	62 53*	267 53
Plainfield, . . .	96	-	-	-	-	2	120 00	81 00†	201 00
Plainville, . . .	375	4	43	38/10	825 00	-	-	-	825 00
Plympton, . . .	177	-	-	-	-	16	1,057 51	†	1,057 51
Prescott, . . .	82	-	-	-	-	3	115 00	†	115 00
Princeton, . . .	213	3	24	-	-	2	Excess	No claim	-
Raynham, . . .	421	-	-	-	-	50	1,452 50*	1,037 04	2,489 54
Richmond, . . .	138	-	-	-	-	25	883 50†	371 50†	1,255 00
Rochester, . . .	293	-	-	-	-	13	451 19*	335 58†	786 77
Rowe, . . .	101	-	-	-	-	7	341 16	304 75	645 91
Rowley, . . .	372	-	-	-	-	45	1,901 25†	827 81†	2,729 06
Royalston, . . .	219	-	-	-	-	24	829 88†	573 56†	1,403 44
Russell, . . .	228	-	-	-	-	18	Excess	353 23†	353 23
Rutland, . . .	267	4	19	223/40	582 14	-	-	-	582 14
Salisbury, . . .	467	-	-	-	-	55	1,427 83*	579 90*	2,007 73
Sandisfield, . . .	153	-	-	-	-	2	62 10	22 31†	84 41
Sandwich, . . .	414	4	50	33/8	900 00	-	-	-	900 00
Savoy, . . .	137	-	-	-	-	3	65 00	22 50	87 50
Sheffield, . . .	472	4	41	3	750 00	-	-	-	750 00

*Towns of Less than 500 Families and State Aid for High School Education therein, School Year ending June 30, 1919 — Continued.*

TOWN.	Families, State Census, 1915.	LOCAL HIGH SCHOOL.				ATTENDANCE AT HIGH SCHOOLS IN OTHER TOWNS OR CITIES.			Total State aid for high school education.
		Years in course.	Resident pupils enrolled in high school.	Number of teachers based on time devoted to high school.	State aid.	Resident pupils attending public high schools in other towns or cities.	State reimbursement for tuition.	State reimbursement for transportation.	
	1	2	3	4	5	6	7	8	9
Shelburne, . . .	434	4	90	Over 5	\$1,250 00	-	-	-	\$1,250 00
Sherborn, . . .	312	4	26	-	Excess	1	-	-	-
Shirley, . . .	451	-	-	-	-	30	\$928 50*	\$658 52†	1,587 02
Shutesbury, . .	85	-	-	-	-	1	75 00	†	75 00
Southampton, .	239	-	-	-	-	11	1 583 51†	73 54*	657 05
Southborough, .	448	4	62	42 $\frac{2}{175}$	1,031 43	-	-	-	1,031 43
Southwick, . .	312	-	6 <sup>2</sup>	-	-	14	507 50*	510 83†	1,018 33
Sterling, . . .	352	2	45	11 $\frac{1}{15}$	433 33	12	332 00*	84 73*	850 06
Stockbridge, . .	476	4	57	-	Excess	4	-	-	-
Stow, . . .	281	4	34	3 $\frac{1}{2}$	800 00	-	-	-	800 00
Sturbridge, . .	413	-	-	-	-	28	946 13†	960 83	1,906 96
Sudbury, . . .	319	4	37	3 $\frac{3}{40}$	782 14	-	-	-	782 14
Sunderland, . .	272	-	-	-	-	30	1,342 50†	586 89	1,929 39
Tewksbury, . .	485	-	-	-	-	50	1,230 33*	559 05†	1,789 38
Tisbury, . . .	371	4	49	-	Excess	-	-	-	-
Tolland, . . .	48	-	-	-	-	1	Excess	†	-
Topsfield, . .	297	4 <sup>3</sup>	24	-	Excess	1	-	-	-
Truro, . . .	185	-	-	-	-	23	615 00†	615 00*	1,230 00
Tyngsborough, .	252	-	-	-	-	19	594 44†	371 67	966 11
Tyringham, . .	81	-	-	-	-	5	Excess	†	-
Wales, . . .	111	-	-	-	-	4	232 50	151 31†	383 81
Warwick, . . .	129	-	-	-	-	10	310 00	383 63†	693 63
Washington, . .	66	-	-	-	-	4	165 00	†	165 00
Wellfleet, . .	309	4	26	2 $\frac{1}{35}$	507 14	-	-	-	507 14
Wendell, . . .	100	-	-	-	-	2	Excess	†	-
Wenham, . . .	274	-	-	-	-	42	Excess	†	-

<sup>1</sup> Of this amount, \$151.13 was for previous school year.

<sup>2</sup> Certain pupils receive instruction in high school subjects.

<sup>3</sup> Including third year of junior high.

*Towns of Less than 500 Families and State Aid for High School Education therein, School Year ending June 30, 1919 — Concluded.*

TOWN.	Families, State Census, 1915.	LOCAL HIGH SCHOOL.				ATTENDANCE AT HIGH SCHOOLS IN OTHER TOWNS OR CITIES.			Total State aid for high school education.
		Years in course.	Resident pupils enrolled in high school.	Number of teachers based on time devoted to high school.	State aid.	Resident pupils attending public high schools in other towns or cities.	State reimbursement for tuition.	State reimbursement for transportation.	
	1	2	3	4	5	6	7	8	9
West Boylston, .	305	4	31	31 $\frac{13}{70}$	\$792 86	-	-	-	\$792 86
West Brookfield, .	373	-	-	-	-	22	\$812 63†	\$566 40†	1,379 03
Westhampton, .	102	-	-	-	-	9	539 50	No claim	539 50
Westminster, .	360	4	26	35 $\frac{24}{100}$	802 08	-	-	-	802 08
West Newbury, .	415	4	59	2 $\frac{1}{8}$	531 25	-	-	-	531 25
West Stockbridge, .	317	-	-	-	-	16	602 63†	453 76	1,056 39
West Tisbury, .	137	-	2 <sup>1</sup>	-	-	9	Excess	†	-
Westwood, .	337	-	-	-	-	45	Excess	†	-
Whately, .	233	-	-	-	-	8	378 75†	153 97†	532 72
Wilbraham, .	446	-	-	-	-	45	2,011 50*	1,449 02	3,460 52
Williamsburg, .	483	4	42	3 $\frac{1}{10}$	775 00	-	-	-	775 00
Windsor, .	93	-	-	-	-	8	292 50	373 50	666 00
Worthington, .	154	-	-	-	-	8	441 00	184 50†	625 50
Wrentham, .	470	4	45	4	1,000 00	-	-	-	1,000 00
Yarmouth, .	455	4	61	4 $\frac{99}{200}$	1,123 75	-	-	-	1,123 75
Totals (165 towns),	-	-	2,096	-	\$29,150 66	2,033	\$67,057 75	\$36,116 05	\$132,324 46

<sup>1</sup> Certain pupils receive instruction in high school subjects.

## IX. COUNTY TRAINING SCHOOLS.

The following table gives a list of the county training schools in the State for the commitment of habitual truants, absentees, and school offenders.

COUNTY TRAINING SCHOOL.	Location.	Superintendent.
Essex, . . . . .	Lawrence, . . . . .	W. Grant Fancher.
Hampden, . . . . .	Springfield, . . . . .	Charles E. Butler.
Middlesex, <sup>1</sup> . . . . .	North Chelmsford, . . . . .	Rufus E. Corlew.
Norfolk, Bristol and Plymouth Union,	Walpole, . . . . .	James H. Craig.
Worcester, . . . . .	Oakdale, . . . . .	Alton W. Peirce.

<sup>1</sup> Under the law, commitments from Chelsea, Revere, and Winthrop in Suffolk County must be to the training school for the county of Middlesex.

The counties of Barnstable, Berkshire, Dukes, Franklin, Hampshire, and Nantucket are exempted by law from maintaining training schools of their own, but the county commissioners of each of these counties are required to assign an established training school as a place of commitment for habitual truants, absentees and school offenders. The places designated by the several commissioners are as follows: —

COUNTY.	Location of assigned training school.	COUNTY.	Location of assigned training school.
Barnstable, . . . . .	Walpole.	Franklin, . . . . .	North Chelmsford.
Berkshire, . . . . .	Springfield.	Hampshire, . . . . .	North Chelmsford.
Dukes, . . . . .	Walpole.	Nantucket, . . . . .	- -

*Table showing the number of pupils attending, admitted, and discharged.*

COUNTY TRAINING SCHOOL.	Number of pupils enrolled July 1, 1918.	Number of pupils enrolled July 1, 1919.	Number of pupils admitted during the year.	Number of pupils discharged during the year.
Essex, . . . . .	138	148	57	47
Hampden, . . . . .	68	63	37	42
Middlesex, . . . . .	109	132	72	49
Norfolk, Bristol, Plymouth Union, . .	59	54	31	36
Worcester, . . . . .	67	76	47	38
Totals, . . . . .	441	473	244	212

# X. STATISTICS OF SCHOOLS IN STATE INSTITUTIONS FOR THE SCHOOL YEAR ENDING JUNE 30, 1919.

STATE INSTITUTIONS.	PUPILS.					TEACHERS.			
	Number of different pupils of all ages.	Average attendance.	Number under 15 years of age.	Number between 5 and 15 years of age.	Number over 15 years of age.	NUMBER DURING THE YEAR.		WAGES PER MONTH.	
						Males.	Females.	Males.	Females.
State Industrial School for Girls, Lancaster.	374	358	59	59	315	-	17	-	-1
Lyman School for Boys, Westborough.	261	248	243	238	18	2	14	\$83 33 to 116 67	\$54 17 to 70 83
Industrial School for Boys, Shirley.	649	267	-	-	649	41	13	70 00 <sup>2</sup>	27 50 <sup>2</sup>

<sup>1</sup> Yearly, \$733.<sup>2</sup> With maintenance.

## XI. MASSACHUSETTS SCHOOL FUND.

The following statement shows the condition of the Massachusetts School Fund: —

Amount of the fund Jan. 1, 1918, . . . . .	\$5,000,000 00
Amount of fund Dec. 31, 1918, . . . . .	5,000,000 00
Income for 1918, . . . . .	210,556 21
Paid to towns in the distribution of March 10, 1919, . . . . .	210,556 21

The following table shows the amount of the principal of the Massachusetts School Fund and the annual income from 1905 to 1918: —

YEAR.	Principal.	Income.
1905, . . . . .	\$4,880,110 66	\$219,379 32
1906, . . . . .	4,980,110 66	224,468 31
1907, . . . . .	5,000,000 00	228,621 22
1908, . . . . .	5,000,000 00	229,439 73
1909, . . . . .	5,000,000 00	231,173 87
1910, . . . . .	5,000,000 00	238,748 72
1911, . . . . .	5,000,000 00	227,664 36
1912, . . . . .	5,000,000 00	228,558 32
1913, . . . . .	5,000,000 00	228,758 79
1914, . . . . .	5,000,000 00	204,879 26
1915, . . . . .	5,000,000 00	202,848 94
1916, . . . . .	5,000,000 00	203,365 72
1917, . . . . .	5,000,000 00	206,411 24
1918, . . . . .	5,000,000 00	210,556 21

## XII. REIMBURSEMENT ON ACCOUNT OF TEACHERS' SALARIES.

*Amounts received on Nov. 15, 1919, by the towns and cities as reimbursement on account of teachers' salaries under the provisions of Part I, chapter 363 of the General Acts of 1919 (General School Fund).*

Abington, . . . . .	\$8,912 50	Bourne, . . . . .	\$2,603 00
Acton, . . . . .	75 00	Boxborough, . . . . .	-
Acushnet, . . . . .	3,070 00	Boxford, . . . . .	120 00
Adams, . . . . .	8,551 28	Boylston, . . . . .	348 00
Agawam, . . . . .	2,500 00	Braintree, . . . . .	10,220 00
Alford, . . . . .	-	Brewster, . . . . .	309 00
Amesbury, . . . . .	5,117 50	Bridgewater, . . . . .	9,908 04
Amherst, . . . . .	4,185 00	Brimfield, . . . . .	1,102 00
Andover, . . . . .	5,158 94	Brockton, . . . . .	64,687 50
Arlington, . . . . .	21,810 13	Brookfield, . . . . .	465 00
Ashburnham, . . . . .	-	Brookline, . . . . .	36,795 00
Ashby, . . . . .	410 00	Buckland, . . . . .	148 78
Ashfield, . . . . .	450 00	Burlington, . . . . .	570 00
Ashland, . . . . .	475 00	Cambridge, . . . . .	96,230 00
Athol, . . . . .	7,271 50	Canton, . . . . .	4,747 50
Attleboro, . . . . .	15,633 67	Carlisle, . . . . .	-
Auburn, . . . . .	840 00	Carver, . . . . .	300 00
Avon, . . . . .	1,183 12	Charlemont, . . . . .	442 11
Ayer, . . . . .	1,220 00	Charlton, . . . . .	377 50
Barnstable, . . . . .	4,150 00	Chatham, . . . . .	560 00
Barre, . . . . .	1,850 00	Chelmsford, . . . . .	2,802 50
Becket, . . . . .	60 00	Chelsea, . . . . .	38,238 50
Bedford, . . . . .	760 00	Cheshire, . . . . .	300 00
Belchertown, . . . . .	400 00	Chester, . . . . .	1,180 00
Bellingham, . . . . .	236 25	Chesterfield, . . . . .	30 00
Belmont, . . . . .	9,254 24	Chicopee, . . . . .	24,043 50
Berkley, . . . . .	-	Chilmark, . . . . .	100 00
Berlin, . . . . .	240 00	Clarksburg, . . . . .	607 25
Bernardston, . . . . .	465 00	Clinton, . . . . .	9,160 00
Beverly, . . . . .	29,002 38	Cohasset, . . . . .	3,615 00
Billerica, . . . . .	2,992 75	Colrain, . . . . .	65 85
Blackstone, . . . . .	2,152 50	Concord, . . . . .	9,930 00
Blandford, . . . . .	60 00	Conway, . . . . .	250 00
Bolton, . . . . .	250 00	Cummington, . . . . .	-
Boston, . . . . .	620,734 72	Dalton, . . . . .	3,570 00

*Amounts received on Nov. 15, 1919, by the towns and cities as reimbursement on account of teachers' salaries under the provisions of Part I, chapter 363 of the General Acts of 1919 (General School Fund) — Continued.*

Dana, . . . . .	\$28 56	Gloucester, . . . . .	\$23,910 00
Danvers, . . . . .	10,930 00	Goshen, . . . . .	-
Dartmouth, . . . . .	1,400 00	Gosnold, . . . . .	100 00
Dedham, . . . . .	13,543 25	Grafton, . . . . .	1,380 00
Deerfield, . . . . .	360 00	Granby, . . . . .	210 00
Dennis, . . . . .	418 00	Granville, . . . . .	150 00
Dighton, . . . . .	200 00	Great Barrington, . . . . .	4,350 00
Douglas, . . . . .	775 88	Greenfield, . . . . .	14,082 40
Dover, . . . . .	1,307 77	Greenwich, . . . . .	11 42
Dracut, . . . . .	3,300 00	Groton, . . . . .	2,380 00
Dudley, . . . . .	1,240 00	Groveland, . . . . .	2,140 00
Dunstable, . . . . .	200 00	Hadley, . . . . .	1,135 00
Duxbury, . . . . .	874 17	Halifax, . . . . .	-
East Bridgewater, . . . . .	1,936 25	Hamilton, . . . . .	2,290 00
Eastham, . . . . .	220 00	Hampden, . . . . .	22 50
Easthampton, . . . . .	5,297 62	Hancock, . . . . .	-
East Longmeadow, . . . . .	624 00	Hanover, . . . . .	620 00
Easton, . . . . .	8,900 00	Hanson, . . . . .	-
Edgartown, . . . . .	973 53	Hardwick, . . . . .	1,410 51
Egremont, . . . . .	-	Harvard, . . . . .	200 00
Enfield, . . . . .	150 00	Harwich, . . . . .	280 00
Erving, . . . . .	100 00	Hatfield, . . . . .	1,030 00
Essex, . . . . .	525 00	Haverhill, . . . . .	43,067 05
Everett, . . . . .	39,122 91	Hawley, . . . . .	-
Fairhaven, . . . . .	6,076 66	Heath, . . . . .	-
Fall River, . . . . .	106,750 00	Hingham, . . . . .	6,411 66
Falmouth, . . . . .	3,973 67	Hinsdale, . . . . .	40 00
Fitchburg, . . . . .	27,965 00	Holbrook, . . . . .	2,212 25
Florida, . . . . .	-	Holden, . . . . .	1,525 00
Foxborough, . . . . .	1,521 05	Holland, . . . . .	315 00
Framingham, . . . . .	16,822 62	Holliston, . . . . .	815 79
Franklin, . . . . .	6,446 74	Holyoke, . . . . .	52,654 50
Freetown, . . . . .	-	Hopedale, . . . . .	2,227 76
Gardner, . . . . .	9,379 11	Hopkinton, . . . . .	540 00
Gay Head, . . . . .	300 00	Hubbardston, . . . . .	-
Georgetown, . . . . .	465 79	Hudson, . . . . .	3,367 00
Gill, . . . . .	15 00	Hull, . . . . .	2,380 00



*Amounts received on Nov. 15, 1919, by the towns and cities as reimbursement on account of teachers' salaries under the provisions of Part I, chapter 363 of the General Acts of 1919 (General School Fund) — Continued.*

Huntington, . . . . .	\$370 00	Merrimac, . . . . .	\$555 00
Ipswich, . . . . .	4,460 00	Methuen, . . . . .	10,701 72
Kingston, . . . . .	1,950 00	Middleborough, . . . . .	4,580 00
Lakeville, . . . . .	150 00	Middlefield, . . . . .	50 00
Lancaster, . . . . .	700 00	Middleton, . . . . .	130 00
Lanesborough, . . . . .	40 00	Milford, . . . . .	8,627 75
Lawrence, . . . . .	66,287 00	Millbury, . . . . .	3,051 25
Lee, . . . . .	2,185 00	Millis, . . . . .	993 00
Leicester, . . . . .	315 79	Millville, . . . . .	203 75
Lenox, . . . . .	2,800 00	Milton, . . . . .	12,280 63
Leominster, . . . . .	12,677 71	Monroe, . . . . .	-
Leverett, . . . . .	-	Monson, . . . . .	2,840 00
Lexington, . . . . .	6,000 00	Montague, . . . . .	6,183 64
Leyden, . . . . .	10 00	Monterey, . . . . .	-
Lincoln, . . . . .	690 00	Montgomery, . . . . .	30 00
Littleton, . . . . .	521 50	Mount Washington, . . . . .	-
Longmeadow, . . . . .	1,365 85	Nahant, . . . . .	1,570 00
Lowell, . . . . .	59,466 66	Nantucket, . . . . .	850 00
Ludlow, . . . . .	5,550 00	Natick, . . . . .	9,250 00
Lunenburg, . . . . .	620 00	Needham, . . . . .	7,530 00
Lynn, . . . . .	66,955 75	New Ashford, . . . . .	-
Lynnfield, . . . . .	585 00	New Bedford, . . . . .	88,092 50
Malden, . . . . .	37,898 71	New Braintree, . . . . .	-
Manchester, . . . . .	3,360 00	Newbury, . . . . .	455 00
Mansfield, . . . . .	5,655 00	Newburyport, . . . . .	8,055 00
Marblehead, . . . . .	8,890 00	New Marlborough, . . . . .	215 00
Marion, . . . . .	1,080 00	New Salem, . . . . .	373 75
Marlborough, . . . . .	10,625 00	Newton, . . . . .	50,032 45
Marshfield, . . . . .	650 07	Norfolk, . . . . .	306 00
Mashpee, . . . . .	138 83	North Adams, . . . . .	18,820 00
Mattapoisett, . . . . .	870 00	Northampton, . . . . .	12,700 80
Maynard, . . . . .	6,685 00	North Andover, . . . . .	6,557 50
Medfield, . . . . .	1,080 00	North Attleborough, . . . . .	8,208 75
Medford, . . . . .	33,135 50	Northborough, . . . . .	838 57
Medway, . . . . .	862 50	Northbridge, . . . . .	10,015 00
Melrose, . . . . .	18,476 15	North Brookfield, . . . . .	1,145 00
Mendon, . . . . .	100 00	Northfield, . . . . .	620 00

*Amounts received on Nov. 15, 1919, by the towns and cities as reimbursement on account of teachers' salaries under the provisions of Part I, chapter 363 of the General Acts of 1919 (General School Fund) — Continued.*

North Reading, . . . . .	\$130 00	Rowe, . . . . .	-
Norton, . . . . .	660 00	Rowley, . . . . .	\$200 00
Norwell, . . . . .	630 00	Royalston, . . . . .	-
Norwood, . . . . .	13,082 13	Russell, . . . . .	290 00
Oak Bluffs, . . . . .	879 41	Rutland, . . . . .	363 50
Oakham, . . . . .	30 00	Salem, . . . . .	32,311 42
Orange, . . . . .	2,280 00	Salisbury, . . . . .	165 00
Orleans, . . . . .	1,040 00	Sandisfield, . . . . .	-
Otis, . . . . .	-	Sandwich, . . . . .	730 00
Oxford, . . . . .	1,344 30	Saugus, . . . . .	14,320 00
Palmer, . . . . .	7,230 00	Savoy, . . . . .	-
Paxton, . . . . .	-	Scituate, . . . . .	1,917 92
Peabody, . . . . .	14,200 00	Seekonk, . . . . .	100 00
Pelham, . . . . .	20 00	Sharon, . . . . .	2,230 00
Pembroke, . . . . .	80 00	Sheffield, . . . . .	690 00
Pepperell, . . . . .	700 00	Shelburne, . . . . .	1,372 16
Peru, . . . . .	-	Sherborn, . . . . .	990 00
Petersham, . . . . .	680 00	Shirley, . . . . .	340 00
Phillipston, . . . . .	-	Shrewsbury, . . . . .	1,000 00
Pittsfield, . . . . .	38,157 50	Shutesbury, . . . . .	-
Plainfield, . . . . .	-	Somerset, . . . . .	1,240 00
Plainville, . . . . .	1,241 68	Somerville, . . . . .	70,350 00
Plymouth, . . . . .	13,250 00	Southampton, . . . . .	-
Plympton, . . . . .	-	Southborough, . . . . .	1,630 00
Prescott, . . . . .	12 22	Southbridge, . . . . .	4,700 00
Princeton, . . . . .	300 00	South Hadley, . . . . .	2,085 00
Provincetown, . . . . .	2,173 75	Southwick, . . . . .	150 00
Quincy, . . . . .	39,919 23	Spencer, . . . . .	1,108 33
Randolph, . . . . .	4,298 22	Springfield, . . . . .	144,871 15
Raynham, . . . . .	40 00	Sterling, . . . . .	300 00
Reading, . . . . .	7,753 33	Stockbridge, . . . . .	2,088 00
Rehoboth, . . . . .	-	Stoneham, . . . . .	6,590 00
Revere, . . . . .	36,340 00	Stoughton, . . . . .	4,950 00
Richmond, . . . . .	60 00	Stow, . . . . .	600 00
Rochester, . . . . .	-	Sturbridge, . . . . .	89 99
Rockland, . . . . .	8,702 50	Sudbury, . . . . .	280 00
Rockport, . . . . .	1,618 75	Sunderland, . . . . .	27 78

*Amounts received on Nov. 15, 1919, by the towns and cities as reimbursement on account of teachers' salaries under the provisions of Part I, chapter 363 of the General Acts of 1919 (General School Fund) — Concluded.*

Sutton, . . . . .	\$325 00	West Boylston, . . . . .	\$1,270 67
Swampscott, . . . . .	8,053 75	West Bridgewater, . . . . .	1,062 50
Swansea, . . . . .	293 41	West Brookfield, . . . . .	205 12
Taunton, . . . . .	31,035 78	Westfield, . . . . .	21,650 00
Templeton, . . . . .	1,450 00	Westford, . . . . .	890 00
Tewksbury, . . . . .	540 00	Westhampton, . . . . .	-
Tisbury, . . . . .	823 16	Westminster, . . . . .	550 00
Tolland, . . . . .	-	West Newbury, . . . . .	817 50
Topsfield, . . . . .	930 00	Weston, . . . . .	2,950 00
Townsend, . . . . .	466 94	Westport, . . . . .	200 00
Truro, . . . . .	-	West Springfield, . . . . .	11,670 58
Tyngsborough, . . . . .	280 00	West Stockbridge, . . . . .	-
Tyringham, . . . . .	-	West Tisbury, . . . . .	17 65
Upton, . . . . .	400 00	Westwood, . . . . .	1,058 00
Uxbridge, . . . . .	2,015 00	Weymouth, . . . . .	11,227 25
Wakefield, . . . . .	15,730 35	Whately, . . . . .	70 00
Wales, . . . . .	25 00	Whitman, . . . . .	6,157 92
Walpole, . . . . .	6,351 00	Wilbraham, . . . . .	145 00
Waltham, . . . . .	20,901 66	Williamsburg, . . . . .	460 00
Ware, . . . . .	5,862 23	Williamstown, . . . . .	2,689 38
Wareham, . . . . .	2,943 33	Wilmington, . . . . .	1,400 00
Warren, . . . . .	2,123 42	Winchendon, . . . . .	1,817 24
Warwick, . . . . .	-	Winchester, . . . . .	12,171 92
Washington, . . . . .	-	Windsor, . . . . .	30 00
Watertown, . . . . .	17,873 79	Winthrop, . . . . .	13,400 00
Wayland, . . . . .	1,270 00	Woburn, . . . . .	13,040 00
Webster, . . . . .	4,938 33	Worcester, . . . . .	157,766 12
Wellesley, . . . . .	8,362 31	Worthington, . . . . .	80 00
Wellfleet, . . . . .	350 00	Wrentham, . . . . .	506 00
Wendell, . . . . .	-	Yarmouth, . . . . .	1,010 50
Wenham, . . . . .	575 00	Total, . . . . .	\$3,062,643 09
Westborough, . . . . .	3,620 00		

## XIII. TEACHERS' REGISTRATION BUREAU.

The Teachers' Registration Bureau has been consulted during the year by a larger number of school officials. Over 1,250 vacancies have been reported to the Bureau, and 394 of those vacancies, with an aggregate salary of \$365,199.25, have been filled by it. Since the middle of the summer there have been many vacancies for which the Bureau has had no candidates to suggest. It has been especially difficult to find candidates for vacancies in the high schools, the upper grades and the ungraded rural schools.

During the year 891 teachers enrolled with the Bureau, making a total paid enrollment of 5,068 on Nov. 30, 1919.

*Teachers registered.*

	Nov. 30, 1913.	Nov. 30, 1914.	Nov. 30, 1915.	Nov. 30, 1916.	Nov. 30, 1917.	Nov. 30, 1918.	Nov. 30, 1919.
High school teachers: —							
Women, . . . . .	-	-	-	-	-	-	774
Men, . . . . .	-	-	-	-	-	-	474
Totals, . . . . .	142	380	659	967	1,188	1,410	1,248
Elementary school teachers: —							
Women, . . . . .	-	-	-	-	-	-	1,274
Men, . . . . .	-	-	-	-	-	-	114
Totals, . . . . .	149	503	924	1,363	1,753	2,110	1,388
Special teachers: —							
Women, . . . . .	-	-	-	-	-	-	694
Men, . . . . .	-	-	-	-	-	-	166
Totals, . . . . .	73	216	341	522	661	837	860
Grand totals, . . . . .	364	1,099	1,924	2,852	3,602	4,357	3,496

NOTE. — Figures prior to 1919 represent the total number who have registered to that date. For 1919, the figures represent the number of those registered who are still on the active list.

*Positions filled.*

	October, 1912 to Nov. 30, 1913.	Nov. 30, 1913 to Nov. 30, 1914.	Nov. 30, 1914 to Nov. 30, 1915.	Nov. 30, 1915 to Nov. 30, 1916.	Nov. 30, 1916 to Nov. 30, 1917.	Nov. 30, 1917 to Nov. 30, 1918.	Nov. 30, 1918 to Nov. 30, 1919.
Superintendents of schools, .	3	3	13	3 <sup>1</sup>	-	-	-
High school principals, .	9	4	13	7	9	22	6
Elementary school principals,	2	1	10	9	7	13	10
High school teachers, . .	27	40	57	61	53	106	89
Elementary school teachers,	52	136	135	135	126	166	184
Special teachers, . . . .	8	43	74	77	116	72	57
Normal school teachers, .	-	-	-	-	-	4 <sup>2</sup>	5
Substitutes, . . . . .	-	-	-	-	-	64 <sup>2</sup>	43
Totals, . . . . .	101	227	302	292	311	447	394
Estimated total salaries of teachers placed.	-	\$140,000	\$220,000	\$148,000	\$175,000	\$320,000	\$365,199

<sup>1</sup> No superintendents placed since July 1, 1916.      <sup>2</sup> Formerly included as "special teachers."

# XIV. FINANCIAL STATEMENT OF THE DEPARTMENT OF EDUCATION DEC. 1, 1918, TO NOV. 30, 1919.

[Detail will be found in the report of the State Auditor.]

ITEM.	Appropriation.	Expenditure.	Balance.
Salaries, . . . . .	\$61,244 09 <sup>1</sup>	\$58,095 23	\$3,148 86
Travel, . . . . .	7,029 75 <sup>2</sup>	6,572 52	457 23
Incidentals and printing annual report and bulletins.	12,502 04 <sup>3</sup>	11,651 03	851 01
Sight and hearing test materials, . . .	800 00	604 01	195 99
School registers and blanks, . . . . .	2,000 00	1,853 85	146 15
University extension, . . . . .	112,007 59 <sup>4</sup>	111,911 45	96 14
Americanization, . . . . .	10,000 00 <sup>5</sup>	4,840 57	5,159 43
Superintendency unions, . . . . .	80,000 00	75,014 59	4,985 41
High school tuition, . . . . .	97,000 00	88,868 82	8,131 18
High school transportation, . . . . .	38,024 00 <sup>6</sup>	35,027 74	2,996 26
Aid to pupils in normal schools, . . . .	4,000 00	4,000 00	-
Teachers' institutes, . . . . .	2,000 00	1,990 61	9 39
Education of deaf children, . . . . .	200,561 66 <sup>7</sup>	199,779 08	782 58
Independent industrial schools, . . . .	380,131 74	380,131 74	-
Training vocational teachers, . . . . .	38,924 64 <sup>8</sup>	33,649 64	5,275 00

<sup>1</sup> Includes \$244.09 transferred from the Smith-Hughes Federal funds.

<sup>2</sup> Includes \$29.75 from 1918 balance for 1918 bills paid in 1919.

<sup>3</sup> Includes \$2.04 from 1918 balance for 1918 bills paid in 1919.

<sup>4</sup> Includes \$7.59 from 1918 balance for 1918 bills paid in 1919.

<sup>5</sup> For period Aug. 1, 1919, to Nov. 30, 1919.

<sup>6</sup> Includes \$24 from 1918 balance for 1918 bills paid in 1919.

<sup>7</sup> Includes \$561.66 from 1918 balance for 1918 bills paid in 1919.

<sup>8</sup> Includes \$17,275 State appropriation and \$21,649.64 Federal appropriation.

## Receipts.

University extension department, . . . . .	\$21,880 39 <sup>1</sup>
Teachers' registration bureau, . . . . .	1,782 00
Rent of property located on land purchased by Commonwealth for site for Normal Art School.	1,083 03
	<u>\$24,745 42</u>

<sup>1</sup> Includes \$13.45 interest on deposits.

## 1920.] FINANCIAL STATEMENT OF DEPARTMENT. 191

*State normal schools.*

## MAINTENANCE.

	Receipts.	Appropriation.	Expenditures.	Balance.
Bridgewater, . . . . .	\$1,455 40	\$95,627 25	\$87,411 93	\$8,215 32
Fitchburg, . . . . .	617 28	99,273 50	98,219 15	1,054 35
Framingham, . . . . .	1,077 08	93,500 00	92,703 37	796 63
Hyannis, . . . . .	552 57	31,100 00	29,912 30	1,187 70
Lowell, . . . . .	281 08	84,072 19	83,813 42	258 77
North Adams, . . . . .	491 37	55,745 00	55,465 02	279 98
Salem, . . . . .	350 05	96,842 13	87,412 34	9,429 79
Westfield, . . . . .	332 08	50,305 09	49,348 56	956 53
Worcester, . . . . .	271 53	48,082 00	46,614 93	1,467 07
Normal Art, Boston, . . . . .	488 99	61,551 68	61,551 68	—
Totals, . . . . .	\$5,917 43	\$716,098 84	\$692,452 70	\$23,646 14

## BOARDING HALLS.

Bridgewater, . . . . .	\$55,080 36	\$58,000 00	\$55,071 44	\$2,928 56
Fitchburg, . . . . .	26,042 25	25,500 00	25,496 76	3 24
Framingham, . . . . .	58,650 70	58,000 00	57,980 50	19 50
Hyannis, . . . . .	18,492 68	17,500 00	17,499 68	32
North Adams, . . . . .	10,386 56	16,400 00	12,183 24	4,216 76
Westfield, . . . . .	11,897 80	20,633 05	13,281 98	7,351 07
Worcester, . . . . .	4,018 19	3,490 00	3,407 90	82 10
Totals, . . . . .	\$184,568 54	\$199,523 05	\$184,921 50	\$14,601 55

## STATE-AIDED VOCATIONAL EDUCATION.

1. Roster of State-aided Vocational Schools.
2. Financial Statement.
3. Summarized Financial Statement.
4. Prizes won in 1918 by (Agricultural) Pupils.
5. Earnings of Vocational Agricultural Pupils.
6. Vital Statistics.
7. Distribution of Smith-Hughes Funds.
8. Statistics of Teacher-Training Work.

TABLE NO. 1. — *Roster of State-aided vocational schools.*

## 1. SCHOOLS ESTABLISHED DURING SCHOOL YEAR SEPT. 1, 1918, TO AUG. 31, 1919.

NAME OF SCHOOL.	Date of opening.
Fall River Vocational Agricultural Department, . . . . .	Sept., 1918
Taunton Evening Practical Arts School, . . . . .	Sept., 1918
Boston Vocational Agricultural Department, . . . . .	Nov., 1918
North Adams Evening Practical Arts School, . . . . .	Nov., 1918
Haverhill Evening Practical Arts School, . . . . .	Nov., 1918
Stoneham Evening Practical Arts School, . . . . .	Dec., 1918
Mansfield Evening Practical Arts School, . . . . .	Apr., 1919

## 2. SCHOOLS ESTABLISHED SINCE SEPT. 1, 1919.

Southbridge Co-operative Part-time School, . . . . .	Sept., 1919
Southbridge Evening Industrial School, . . . . .	Sept., 1919
Beverly Evening Practical Arts School, <sup>1</sup> . . . . .	Sept., 1919
New Salem Vocational Agricultural Department, <sup>1</sup> . . . . .	Sept., 1919
North Attleborough Vocational Agricultural Department, . . . . .	Oct., 1919
Fall River Day Household Arts School, . . . . .	Nov., 1919
Waltham Evening Practical Arts School, . . . . .	Nov., 1919
Charlestown (Boston) Co-operative Part-time School, . . . . .	Nov., 1919
Hyde Park (Boston) Co-operative Part-time School, . . . . .	Nov., 1919
Worcester Evening Industrial School for Women, <sup>1</sup> . . . . .	Nov., 1919

<sup>1</sup> Re-established.



3. ONE HUNDRED AND TWELVE (ALL) SCHOOLS IN OPERATION DURING THE YEAR (OR NOW) IN 51 CITIES AND TOWNS, LISTED CHRONOLOGICALLY BY TYPES OF SCHOOLS.

*Group I. Fourteen day industrial schools (boys).*

NAME OF SCHOOL.	Es- tablished.	Director.
New Bedford Industrial School, . . . . .	Nov., 1907	W. R. Mackintosh.
Smith's Agricultural School and Northampton School of Industries.	Oct., 1908	Herbert N. Loomis.
Newton Vocational School, . . . . .	Feb., 1909	Michael W. Murray.
Beverly Industrial School, . . . . .	Aug., 1909	Edgar A. Winters.
Worcester Boys' Trade School, . . . . .	Feb., 1910	Albert J. Jameson.
Somerville Vocational School for Boys, . . . . .	Sept., 1910	Harry L. Jones.
Lowell Vocational School, . . . . .	Sept., 1911	Thomas F. Fisher.
Springfield Vocational School, . . . . .	Sept., 1911	George A. Burridge.
Westfield Trade School, . . . . .	Sept., 1911	Chester C. Derby.
Boston Trade School, . . . . .	Feb., 1912	William C. Crawford.
Quincy Industrial School, . . . . .	Sept., 1912	E. P. Barrows.
Holyoke Vocational School, . . . . .	Sept., 1914	M. S. Herbert.
Diman Industrial School (Fall River), . . . . .	May, 1916	F. H. Rundall.
Independent Industrial Shoemaking School of the City of Lynn.	Aug., 1918	M. J. Tracey.

*Group II. Two day industrial schools (girls).*

Boston Trade School for Girls, . . . . .	Sept., 1909	Florence E. Leadbetter.
Worcester Girls' Trade School, . . . . .	Sept., 1911	Helen R. Hildreth.

*Group III. Twenty-two evening industrial schools (men).*

Cambridge Evening Industrial School, . . . . .	Oct., 1907	Chas. M. Herlihy.
New Bedford Evening Industrial School, <sup>1</sup> . . . . .	Nov., 1907	W. R. Mackintosh.
Lawrence Evening Industrial School, <sup>1</sup> . . . . .	Mar., 1908	Timothy J. Doyle.
Boston Trade School, Evening Classes, <sup>1</sup> . . . . .	Oct., 1908	Wm. C. Crawford.
Chicopee Evening Industrial School, <sup>1</sup> . . . . .	Oct., 1908	John C. Gray.
Newton Evening Vocational School, . . . . .	Feb., 1909	M. W. Murray.
Worcester Boys' Evening Trade School, <sup>1</sup> . . . . .	Feb., 1910	Albert J. Jameson.
North Attleborough Evening Industrial School, . . . . .	Oct., 1910	G. W. Morris.
Lowell Evening Vocational School, <sup>1</sup> . . . . .	Sept., 1911	T. F. Fisher.
Westfield Evening Trade School, . . . . .	Sept., 1911	Chester C. Derby.
Everett Evening Industrial School, <sup>1</sup> . . . . .	Oct., 1911	J. Henry Clagg.

<sup>1</sup> Included war-training classes begun during the war.

3. ONE HUNDRED AND TWELVE (ALL) SCHOOLS IN OPERATION DURING THE YEAR (OR NOW) IN 51 CITIES AND TOWNS, LISTED CHRONOLOGICALLY BY TYPES OF SCHOOLS — *Continued.*

*Group III. Twenty-two evening industrial schools (men) — Concluded.*

NAME OF SCHOOL.	Es- tablished.	Director.
Holyoke Evening Vocational School, <sup>1</sup> . . . .	Oct., 1911	M. S. Herbert.
Quincy Evening Industrial School, . . . .	Oct., 1911	A. L. Barbour.
Fall River Evening Industrial School, . . . .	Jan., 1914	H. L. Belisle.
Waltham Evening Industrial School, . . . .	Dec., 1915	C. N. Perkins.
Springfield Evening Vocational School, . . . .	Feb., 1916	G. A. Burrige.
Beverly Evening Industrial School, . . . .	Nov., 1916	E. A. Winters.
Somerville Evening Vocational School, . . . .	Oct., 1917	H. L. Jones.
Framingham Evening Industrial School, <sup>2</sup> . . . .	Jan., 1918	Ernest W. Fellows.
Leominster Evening Industrial School, <sup>2</sup> . . . .	Sept., 1918	W. H. Perry.
Taunton Evening Industrial School, . . . .	Nov., 1918	Clair G. Persons.
Southbridge Evening Industrial School, . . . .	Sept., 1919	James H. Forbes.

*Group IV. Two evening industrial schools (women).*

Boston Trade School for Girls, . . . .	Sept., 1909	Florence E. Leadbetter.
Worcester Girls' Evening Trade School, . . . .	Sept., 1918	Helen R. Hildreth.

*Group V. Nine day homemaking schools.*

New Bedford Household Arts School, . . . .	Nov., 1907	W. R. Mackintosh.
Smith's Household Arts School, . . . .	Oct., 1908	H. N. Loomis.
Newton Vocational School, . . . .	Feb., 1909	M. W. Murray.
Lowell Vocational School, . . . .	Sept., 1911	T. F. Fisher.
Somerville Girls' Vocational School, . . . .	Oct., 1911	Mary H. Brown.
Essex County School of Homemaking, . . . .	Sept., 1914	F. A. Smith.
Worcester Household Arts School, . . . .	Sept., 1915	H. R. Hildreth.
Quincy School of Homemaking, . . . .	June, 1916	Albert L. Barbour.
Fall River Household Arts School, . . . .	Nov., 1919	Hector L. Belisle.

*Group VI. Twenty-eight evening practical art schools.*

New Bedford Practical Art School, . . . .	Nov., 1907	W. R. Mackintosh.
Lawrence Evening Practical Art School, . . . .	Mar., 1908	Timothy J. Doyle.
Newton Evening Practical Art School, . . . .	Feb., 1909	M. W. Murray.

<sup>1</sup> Included war-training classes begun during the war.

<sup>2</sup> Finished special war-training classes begun during the war.

3. ONE HUNDRED AND TWELVE (ALL) SCHOOLS IN OPERATION DURING THE YEAR (OR NOW) IN 51 CITIES AND TOWNS, LISTED CHRONOLOGICALLY BY TYPES OF SCHOOLS — *Continued.*

*Group VI. Twenty-eight evening practical art schools — Concluded.*

NAME OF SCHOOL.	Es- tablished.	Director.
North Attleborough Evening Practical Art School, . . . .	Oct., 1910	G. W. Morris.
Lowell Evening Practical Art School, . . . .	Sept., 1911	Thomas F. Fisher.
Worcester Evening Practical Art School (independent Board of Trustees).	Sept., 1911	Helen R. Hildreth.
Everett Evening Practical Art School, . . . .	Oct., 1911	Fairfield Whitney.
Holyoke Evening Practical Art School, . . . .	Oct., 1911	M. S. Herbert.
Quincy Evening Practical Art School, . . . .	Oct., 1911	Albert L. Barbour.
Somerville Evening Practical Art School, . . . .	Oct., 1911	Mary H. Brown.
Boston Evening Practical Art School, . . . .	Oct., 1912	Michael J. Downey.
Cambridge Evening Practical Art School, . . . .	Oct., 1912	Chas. M. Herlihy.
Methuen Evening Practical Art School, . . . .	Oct., 1912	Edwin L. Haynes.
Wakefield Evening Practical Art School, . . . .	Oct., 1912	Willard B. Atwell.
Fall River Evening Practical Art School, . . . .	Jan., 1914	Hector L. Belisle.
Walpole Evening Practical Art School, . . . .	Jan., 1914	Ralph W. Westcott.
Gloucester Evening Practical Art School, . . . .	Jan., 1916	T. M. Haines.
Leominster Evening Practical Art School, . . . .	Feb., 1916	W. H. Perry.
Weymouth Evening Practical Art School, . . . .	Mar., 1916	Parker T. Pearson.
Worcester Evening Practical Art School (School Committee).	June, 1917	T. F. Powers.
Plymouth Evening Practical Art School, . . . .	July, 1917	Charles A. Harris.
Essex County Evening Practical Art School, . . . .	July, 1918	Fred A. Smith.
Taunton Evening Practical Art School, . . . .	Sept., 1918	Clair G. Persons.
Haverhill Evening Practical Art School, . . . .	Nov., 1918	Clarence H. Dempsey.
Stoneham Evening Practical Art School, . . . .	Dec., 1918	Arthur B. Webber.
Mansfield Evening Practical Art School, . . . .	Apr., 1919	Nelson G. Howard.
Beverly Evening Practical Art School, . . . .	Sept., 1919	S. H. Chace.
Waltham Evening Practical Art School, . . . .	Nov., 1919	C. E. Perkins.

*Group VII. — Four part-time and continuation schools.*

Boston Continuation School, . . . . .	Sept., 1914	Owen D. Evans.
Charlestown (Boston) Part-time Co-operative School, .	Sept., 1919	Maurice J. Moriarty.
Hyde Park (Boston) Part-time Co-operative School, .	Sept., 1919	James C. Clarke.
Southbridge Co-operative Part-time School, . . . .	Sept., 1919	James Forbes.

3. ONE HUNDRED AND TWELVE (ALL) SCHOOLS IN OPERATION DURING THE YEAR (OR NOW) IN 51 CITIES AND TOWNS, LISTED CHRONOLOGICALLY BY TYPES OF SCHOOLS — *Continued.*

*Group VIII. Six agricultural schools.*

NAME OF SCHOOL.	Es- tablished.	Director.
Smith's Agricultural School and Northampton School of Industries.	Oct., 1908	Herbert N. Loomis.
Bristol County Agricultural School, . . . .	Sept., 1913	George H. Gilbert.
Concord Agricultural School, . . . .	Sept., 1913	Wells A. Hall.
Essex County Agricultural School, . . . .	Oct., 1913	Fred A. Smith.
Newton Agricultural School, <sup>1</sup> . . . .	Sept., 1916	M. W. Murray.
Norfolk County Agricultural School, . . . .	Oct., 1916	E. H. Gilbert.
Weymouth Branch, . . . .	Oct., 1916	C. H. Kemp, instructor.

*Group IX. Twenty-five agricultural departments.*

Hadley Vocational Agricultural Department, . .	Jan., 1912	W. R. Loring, instructor.
Harwich Vocational Agricultural Department, . .	Apr., 1912	J. C. Hawkes, instructor.
Easton Vocational Agricultural Department, . .	Aug., 1912	T. W. Glover, Jr., instructor.
Ashfield Vocational Agricultural Department, . .	Aug., 1913	H. S. Bridges, instructor.
Brimfield Vocational Agricultural Department, . .	Sept., 1913	S. H. Harvey, instructor.
Marlborough Vocational Agricultural Department, <sup>1</sup> .	Nov., 1913	Daniel J. Curran, instructor.
Reading Vocational Agricultural Department, . .	May, 1915	Rudolph Sussman, instructor.
Leominster Vocational Agricultural Department, <sup>1</sup> .	Sept., 1915	C. G. Storey, instructor.
Orange Vocational Agricultural Department, . .	Sept., 1916	R. A. Lundgren, instructor.
Worcester Vocational Agricultural Department, <sup>1</sup> .	May, 1917	J. E. Gifford, instructor. H. R. Kinney, F. A. Andrews, T. J. Higgins, L. C. Midgley, supervisors.
Plymouth Vocational Agricultural Department, . .	July, 1917	W. I. Mayo, Jr., instructor.
Boston Vocational Agricultural Department, . .	Nov., 1918	T. P. Dooley, instructor.
New Salem Vocational Agricultural Department, .	Sept., 1919	H. F. Stowell, instructor.
North Attleborough Vocational Agricultural Department, <sup>1</sup>	Oct., 1919	Raymond M. Upton, instructor.

*The following conducted evening work in agriculture only.*

Holyoke Vocational Agricultural Department, . .	Apr., 1917	Geo. D. Hearn, instructor.
Wakefield Vocational Agricultural Department, . .	Apr., 1917	Donald White, instructor.
Falmouth Vocational Agricultural Department, . .	May, 1917	Wallace Hatch, instructor.
Canton Vocational Agricultural Department, . .	May, 1918	Samuel Knowles, instructor.
Dedham Vocational Agricultural Department, . .	July, 1918	Harry Ball, instructor.

<sup>1</sup> Also conducted evening work in agriculture.

3. ONE HUNDRED AND TWELVE (ALL) SCHOOLS IN OPERATION DURING THE YEAR (OR NOW) IN 51 CITIES AND TOWNS, LISTED CHRONOLOGICALLY BY TYPES OF SCHOOLS — *Concluded.*

*The following conducted evening work in agriculture only — Concluded.*

NAME OF SCHOOL.	Es- tablished.	Director.
Gloucester Vocational Agricultural Department, . . .	July, 1918	P. V. Tarr, instructor.
Mansfield Vocational Agricultural Department, . . .	July, 1918	Winthrop Howard, instructor.
Ayer Vocational Agricultural Department, . . .	Aug., 1918	E. M. Gleason, instructor.
Framingham Vocational Agricultural Department, . . .	Aug., 1918	Chas. C. Clement, instructor.
Haverhill Vocational Agricultural Department, . . .	Aug., 1918	C. F. Goodwin, instructor.
Fall River Vocational Agricultural Department, . . .	Sept., 1918	George Howard, Alvin Soul.

4. TWELVE SCHOOLS WHICH WERE DISCONTINUED PREVIOUS TO SEPT. 1, 1919.

NAME OF SCHOOL.	Opened.	Discontinued.
Pittsfield Evening Industrial School, . . . . .	1908	1910
Lawrence Day Industrial School, . . . . .	1909	1913
Northborough Vocational Agricultural Department, . . .	1912	1913
Watertown Evening Practical Arts School, . . . . .	1911	1914
Natick Evening Practical Arts School, . . . . .	1908	1916
Fall River Continuation School, . . . . .	1915	1916
Sutton Vocational Agricultural Department, . . . . .	1913	1916
Clinton Vocational Agricultural Department, . . . . .	1914	1917
Petersham Vocational Agricultural Department, . . . . .	1911	1917
Cambridge Girls' Trade School, . . . . .	1913	1918
Brockton Evening Industrial School, . . . . .	1917	1918
Boston Continuation School of Household Practice, . . .	1913	1918

TABLE No. 2. — *Financial statement, all types of schools: by cities, towns, and counties.*  
*Group I. Day industrial schools (boys).*

CITIES, TOWNS, AND COUNTIES.	1	2	3	4	5	5A	6	7	7A
		Total expenditures (item 25, Annual Returns).	New construction (item G, Annual Returns).	New equipment (item H, Annual Returns).	Local gross maintenance cost (item F, Annual Returns).	Total gross maintenance cost (includes cost to places paying tuition) (column 5 of this table plus items on tuition affidavits).	Total local non-taxation income (deductions) in schools (line 9, Annual Returns); in agricultural departments, one-half tuition claims (column 10 of this table) plus one-half of income from Smith-Hughes funds (column 7A of this table).	Tuition claims (line 10, Annual Returns).	Income from Smith-Hughes funds (item 9, page 4, Annual Returns).
Beverly, . . . . .	.	\$6,652 04	-	\$164 91	\$6,487 13	\$6,487 13	\$3,279 58	\$2,813 40	\$466 18
Boston, . . . . .	.	59,604 55	\$2,000 10	5,763 45	51,841 10	51,841 10	6,339 04 <sup>1</sup>	2,180 80	2,259 18
Fall River, . . . . .	.	8,537 96	1,277 26	61 53	7,198 87	7,198 87	1,170 12	-	251 02
Holyoke, . . . . .	.	28,877 16	103 87	161 20	28,612 09	28,612 09	10,516 63	588 00	968 22
Lowell, . . . . .	.	22,786 85	12 50	2,048 58	20,725 77	20,725 77	3,848 13	1,843 75	1,201 31
Lynn, . . . . .	.	18,488 71	3,598 82	7,364 66	7,525 23	7,663 06	-	-	-
New Bedford, . . . . .	.	30,016 00	2,095 00	319 75	27,671 25	27,671 25	6,072 88	2,437 50	1,479 22
Newton, . . . . .	.	43,396 01	-	834 84	42,561 17	42,561 17	10,943 06	7,953 75	2,877 76
Northampton, . . . . .	.	7,463 20	228 10	53 40	7,181 70	7,181 70	1,301 27	410 00	466 18
Quincy, . . . . .	.	18,971 41	62 77	303 48	18,605 16	18,605 16	4,131 37	2,788 00	950 29
Somerville, . . . . .	.	13,969 99	1 42	121 78	13,846 81	13,846 81	4,778 67	2,543 02	633 94 <sup>2</sup>
Springfield, . . . . .	.	21,320 19	-	407 65	20,912 54	20,912 54	4,219 99	1,587 00	774 41 <sup>3</sup>
Westfield, . . . . .	.	7,961 78	21 52	488 28	7,451 98	7,451 98	994 60	100 00	448 25
Worcester, . . . . .	.	83,285 59	976 54	4,181 88	78,127 17	78,127 17	24,889 98	18,677 14	3,379 80
Cost to places paying tuition in but not maintaining this type of school,	.	-	-	-	-	43,784 53	-	-	-
Total for type of school, . . . . .	.	\$371,331 44	\$10,307 90	\$22,275 67	\$338,747 97	\$382,670 33	\$82,485 32 <sup>1</sup>	\$43,922 36	\$16,175 76

<sup>1</sup> Includes \$883.60 (tuition received for non-residents placed by the Federal Board for vocational education).

<sup>2</sup> Reduced by 50 cents, which represents overpayment of that amount last year.

<sup>3</sup> \$1,774.41 was distributed to Springfield to be applied to the day school, but they transferred \$400 of it to the evening school (Group III).

TABLE No. 2. — Financial statement, all types of schools: by cities, towns, and counties — Continued.

## Group I. Day industrial schools (boys) — Concluded.

CITIES, TOWNS, AND COUNTIES.	1	8	REIMBURSEMENT.			PRODUCTIVITY.				Student hours.
			Net maintenance sum (Item J, Annual Returns) (column 5-6 of this table), or, in agricultural departments, salaries of agricultural instructors (lines 32 and 33, Annual Returns).	Maintenance (Item K, Annual Returns).	Tuition (one-half of column 7 of this table).	Total reimbursement (cost to State) (sum of columns 9 and 10 of this table).	Cash (column 12, Annual Returns).	Credit (column 14, Annual Returns).	Complete (includes cash, credit, and estimated value of work done for school and others) (total of columns 13-17, inclusive, Annual Returns).	
Beverly, . . . . .	.	\$3,207 55	\$1,603 78	\$1,406 70	\$3,010 48	-	-	\$4,614 47	103,600	
Boston, . . . . .	.	45,502 06	22,751 03	1,090 40	23,841 43	\$1,015 46	-	7,792 91	334,550	
Fall River, . . . . .	.	6,028 75	3,014 38	-	3,014 38	383 45	-	1,551 60	31,640	
Holyoke, . . . . .	.	18,095 46	9,047 73	294 00	9,341 73	1,208 00	\$535 65	5,720 34	98,140	
Lowell, . . . . .	.	16,877 64	8,438 82	921 87	9,360 69	803 07	203 33	4,263 36	124,628	
Lynn, . . . . .	.	7,525 23	3,762 62	-	3,762 62	-	-	-	- <sup>1</sup>	
New Bedford, . . . . .	.	21,598 37	10,799 19	1,218 75	12,017 94	1,697 90	-	15,764 88	97,930	
Newton, . . . . .	.	31,618 11	15,809 05	3,976 88	19,785 93	56 21	-	8,657 97	252,420	
Northampton, . . . . .	.	5,880 43	2,940 22	205 00	3,145 22	296 61	-	1,469 72	17,027 .5	
Quincy, . . . . .	.	14,473 79	7,236 80	1,394 00	8,630 80	393 08	-	2,813 30	113,680	
Somerville, . . . . .	.	9,068 14	4,534 07	1,271 51	5,805 58	1,580 39	1 32	4,928 88	85,260	
Springfield, . . . . .	.	16,992 55	8,436 28	793 50	9,139 78	417 53	1,441 05	8,522 40	148,347	
Westfield, . . . . .	.	6,457 38	3,228 69	50 00	3,278 69	417 08	-	1,683 23	43,400	
Worcester, . . . . .	.	53,237 19	26,618 99	9,338 57	35,957 16	2,359 67	281 82	18,372 66	480,680	
Cost to places paying tuition in but not maintaining this type of school, . . . . .	.	-	-	-	-	-	-	-	-	
Total for type of school, . . . . .	.	\$256,262 65	\$128,131 34	\$21,961 18	\$150,092 52	\$10,628 45	\$2,463 17	\$86,135 72	1,936,312 .5	

<sup>1</sup> School had no sessions up to end of current school year, hence no student hours.





TABLE No. 2. — *Financial statement, all types of schools: by cities, towns, and counties — Continued.**Group II. Day industrial schools (girls) — Concluded.*

CITIES, TOWNS, AND COUNTIES.	REIMBURSEMENT.				PRODUCTIVITY.				Student hours.
	Net maintenance sum (item <b>J</b> , Annual Returns) (column <b>5-6</b> of this table), or, in agricultural departments, salaries of agricultural instructors (lines <b>32</b> and <b>33</b> , Annual Returns).	Maintenance (item <b>K</b> , Annual Returns).	Tuition (one-half of column <b>7</b> of this table).	Total reimbursement (cost to State) (sum of columns <b>9</b> and <b>10</b> of this table).	Cash (column <b>13</b> , Annual Returns).	Credit (column <b>14</b> , Annual Returns).	Complete (includes cash, credit, and estimated value of work done for school and others) (total of columns <b>13-17</b> , inclusive, Annual Returns).		
1	8	9	10	11	12	13	14	15	
Boston, . . . . .	\$50,463 39	\$25,231 69	\$1,101 90	\$26,333 59	\$9,947 05	-	\$21,247 61	313,500	
Worcester, . . . . .	15,175 48	7,587 74	461 26 <sup>1</sup>	8,049 00	5,905 22	-	8,881 52	82,215	
Cost to places paying tuition in but not maintaining this type of school, . . . . .	-	-	-	-	-	-	-	-	
Total for type of school, . . . . .	\$65,638 87	\$32,819 43	\$1,563 16 <sup>1</sup>	\$34,383 59	\$15,852 27	-	\$30,129 13	395,715	

<sup>1</sup> This amount would ordinarily equal one-half of that in column 7, but in this particular case, reimbursement has not yet been made for an item of \$67.50.

TABLE No. 2. — Financial statement, all types of schools: by cities, towns, and counties — Continued.

## Group III. Evening industrial schools (men).

CITIES, TOWNS, AND COUNTIES.										
1	2	3	4	5	5A	6	7	7A		
	Total expenditures (item 25, Annual Returns).	New construction (item G, Annual Returns).	New equipment (item H, Annual Returns).	Local gross maintenance cost (item F, Annual Returns).	Total gross maintenance cost (includes cost to places paying tuition) (column 5 of this table plus items on tuition affidavits).	Total local non-taxation income (deductions): in schools, line 9, Annual Returns; in agricultural departments, one-half tuition claims (column 10 of this table) plus one-half of income from Smith-Hughes funds (column 7A of this table).	Tuition claims (line 10, Annual Returns).	Income from Smith-Hughes funds (item 9, page 4, Annual Returns).		
Beverly,	\$2,013 61		\$342 21	\$1,671 38	\$1,671 38	\$353 99	\$278 31	\$80 68		
Boston, <sup>1</sup>	9,362 64		310 40	9,043 24	9,276 00	620 17	100 65	475 14		
Cambridge,	4,057 99		21 76	4,036 23	4,036 23	963 76	227 50	615 26 <sup>2</sup>		
Chicopee, <sup>1</sup>	2,542 51		45 12	2,497 39	2,507 51	116 54	—	116 54		
Everett, <sup>1</sup>	2,331 60		5 20	2,326 40	2,326 40	123 90	25 00	53 79		
Fall River, <sup>1</sup>	854 46		—	854 46	854 46	61 82	—	44 82		
Frammingham, <sup>3</sup>	82 50		—	82 50	82 50	8 75	8 75	—		
Holyoke, <sup>1</sup>	5,011 85	\$189 00	556 45	4,266 40	4,266 40	426 40	220 21	206 19		
Lawrence, <sup>1</sup>	9,063 42	983 71	—	8,079 71	8,079 71	696 85	323 85	358 60		
Leominster, <sup>1</sup>	415 14	—	18 12	397 02	459 79	45 00	45 00	—		
Lowell, <sup>1</sup>	2,701 10	—	—	2,701 10	2,701 10	184 00	121 25	62 75		
Lew Bedford, <sup>1</sup>	5,628 64	225 00	257 11	5,146 53	5,146 53	413 53	243 20	170 33		

Newton,	.	.	.	.	2,178 78	-	33 05	2,145 73	2,145 73	356 67	254 00	98 61
North Attleborough,	.	.	.	.	475 36	1 12	6 65	467 59	467 59	17 93	-	17 93
Quincy,	.	.	.	.	2,436 84	-	-	2,436 84	2,436 84	1,622 05	584 50	116 54
Somerville,	.	.	.	.	1,227 58	-	-	1,227 58	1,253 83	5 33	5 33	-
Southbridge,	.	.	.	.	300 24	-	-	300 24	300 24	-	-	-
Springfield,	.	.	.	.	2,768 88	-	76 14	2,692 74	2,692 74	847 69	182 50	400 00 <sup>4</sup>
Taunton,	.	.	.	.	188 21	-	-	188 21	193 02	64 79	-	35 86
Waltham,	.	.	.	.	771 85	-	7 20	764 65	783 15	58 82	14 00	44 82
Westfield,	.	.	.	.	679 15	-	-	679 15	679 15	53 79	-	53 79
Worcester, <sup>1</sup>	.	.	.	.	10,059 25	-	-	10,059 25	10,059 25	1,260 56	465 85	636 51
Cost to places paying tuition in but not maintaining this type of school,	.	.	.	.	-	-	-	-	2,743 47	-	-	-
Total for type of school,	.	.	.	.	\$65,151 60	\$1,398 83	\$1,688 41	\$62,064 34	\$65,164 24	\$8,307 34	\$3,099 90	\$3,588 16 <sup>5</sup>

<sup>1</sup> This school continued through the year its special war emergency classes, started last year.

<sup>2</sup> Of this amount, \$453.89 was transferred from amount originally allotted to the Cambridge Girls' Trade School (Group II), which was discontinued last year.

<sup>3</sup> This school finished special war emergency classes started last year.

<sup>4</sup> This amount was transferred from the amount originally allotted to the Springfield Day Vocational School (Group I).

<sup>5</sup> In addition to this total, \$26.89 was distributed to Attleboro, based on expenditures for the year previous; no school operated this year.

TABLE No. 2 — Financial statement, all types of schools: by cities, towns and counties — Continued.

## Group III. Evening industrial schools (men) — Concluded.

CITIES, TOWNS, AND COUNTIES.	1	8	REIMBURSEMENT.			PRODUCTIVITY.				Student hours.
			Net maintenance sum (item 5, Annual Returns)	Maintenance (item 9, Annual Returns)	Tuition (one-half of column 7 of this table).	Total reimbursement (cost to State) (sum of columns 9 and 10 of this table).	Cash (column 12, Annual Returns).	Credit (column 13, Annual Returns).	Complete (includes cash, credit, and estimated value of work done for school and others) (total of columns 12-13, inclusive, Annual Returns).	
Beverly,	.	\$1,312 39	\$656 19	\$139 16	\$795 35	-	-	-	6,736	
Boston, <sup>1</sup>	.	8,423 07	4,211 53	50 32	4,261 85	\$44 38	-	-	54,648	
Cambridge,	.	3,072 47	1,536 24	113 75	1,649 99	-	-	-	16,016	
Chicopee, <sup>1</sup>	.	2,380 85	1,190 43	-	1,190 43	-	-	-	13,040	
Everett, <sup>1</sup>	.	2,202 50	1,101 25	12 50	1,113 75	45 11	-	-	8,662 1	
Fall River, <sup>1</sup>	.	792 64	396 32	-	396 32	17 00	-	-	2,835 4	
Framingham, <sup>2</sup>	.	73 75	36 88	4 38	41 26	-	-	-	892 8	
Holyoke, <sup>1</sup>	.	3,840 00	1,920 00	110 10	2,030 10	-	-	-	13,413	
Lawrence, <sup>1</sup>	.	7,382 86	3,691 43	161 92	3,853 35	14 40	-	-	17,241 6	
Leominster, <sup>1</sup>	.	352 02	176 01	22 50	198 51	-	-	-	3,108	
Lowell, <sup>1</sup>	.	2,517 10	1,258 56	60 63	1,319 19	-	-	-	5,954 4	
New Bedford, <sup>1</sup>	.	4,733 00	2,366 50	121 60	2,488 10	-	-	-	18,877 6	

Newton,	.	.	.	.	.	1,789 06	804 53	127 00	1,021 53	-	-	-	-	-	6,846.4
North Attleborough,	.	.	.	.	.	449 66	224 83	-	224 83	-	-	-	-	-	1,137
Quincy,	.	.	.	.	.	814 79	407 40	292 35	699 65	-	-	-	-	-	14,328
Somerville,	.	.	.	.	.	1,222 25	611 13	2 67	613 80	-	-	-	-	-	5,772
Southbridge,	.	.	.	.	.	300 24	150 12	-	150 12	-	-	-	-	-	3,320
Springfield,	.	.	.	.	.	1,845 05	922 52	91 25	1,013 77	25 19	-	-	-	-	20,625
Taunton,	.	.	.	.	.	123 42	61 71	-	61 71	-	-	-	-	-	616
Waltham,	.	.	.	.	.	705 83	352 92	7 00	359 92	-	-	-	-	-	1,400
Westfield,	.	.	.	.	.	625 36	312 68	-	312 68	-	-	-	-	-	1,908
Worcester, <sup>1</sup>	.	.	.	.	.	8,798 69	4,399 35	232 92	4,632 27	158 20	-	-	-	-	32,868
Cost to places paying tuition in but not maintaining this type of school,	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-
Total for type of school,	.	.	.	.	.	\$53,757 00	\$26,878 53	\$1,549 95	\$28,428 48	\$804 28	-	-	\$1,801 11	-	250,245.3

<sup>1</sup> This school continued through the year its special war emergency classes, started last year.

<sup>2</sup> This school finished special war emergency classes started last year.



TABLE No. 2. — *Financial statement, all types of schools: by cities, towns, and counties* — Continued.

Group IV. *Evening industrial schools (women)* — Concluded.

CITIES, TOWNS, AND COUNTIES.	REIMBURSEMENT.			PRODUCTIVITY.			Student hours.
	Maintenance (item <b>K</b> , Annual Returns).	Tuition (one-half of column <b>7</b> of this table).	Total reimbursement (cost to State) (sum of columns <b>9</b> and <b>10</b> of this table).	Cash (column <b>12</b> , Annual Returns).	Credit (column <b>14</b> , Annual Returns).	Complete (includes cash, credit, and estimated value of work done for school and others) (total of columns <b>13-17</b> , inclusive, Annual Returns).	
<b>1</b>	<b>8</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
Boston, . . . . .	\$1,614 17	\$85 14	\$1,192 23	\$414 46	-	\$414 46	14,024
Worcester, . . . . .	552 06	-	276 03	15 72	-	47 54	4,677
Cost to places paying tuition in but not maintaining this type of school, . . . . .	-	-	-	-	-	-	-
Total for type of school, . . . . .	\$2,166 23	\$85 14	\$1,468 26	\$430 18	-	\$462 00	18,701

TABLE No. 2. — *Financial statement, all types of schools: by cities, towns, and counties — Continued.*  
*Group V. Day homemaking schools.*

1	2	3	4	5	5A	6	7	7A
	Total expenditures (item 25, Annual Returns).	New construction (item G, Annual Returns).	New equipment (item H, Annual Returns).	Local gross maintenance cost (item F, Annual Returns).	Total gross maintenance cost (includes cost to places paying tuition) (column 5 of this table plus items on tuition aid/davits).	Total local non-taxation income (deductions): in schools, line 9, Annual Returns; in agricultural departments, one-half tuition claims (column 10 of this table) plus one-half of income from Smith-Hughes funds (column 7A of this table).	Tuition claims (line 10, Annual Returns).	Income from Smith-Hughes funds (item 9, page 4, Annual Returns).
Boston, <sup>1</sup>	\$112 22	—	—	\$112 22	\$112 22	—	—	—
Essex County,	17,948 69	\$3,021 63	\$491 07	14,435 99	14,435 99	\$2,311 87	—	\$476 21
Lowell,	11,130 27	—	—	11,130 27	11,130 27	3,598 06	—	939 17
New Bedford,	11,343 65	675 00	133 39	10,535 26	10,535 26	2,376 09	\$632 50	753 99
Newton,	19,246 41	—	196 79	19,049 62	19,049 62	3,340 53	270 00	1,812 22
Northampton,	9,270 74	—	63 46	9,207 28	9,207 28	3,378 91	1,286 25	767 21
Quincy,	6,763 33	—	16 15	6,747 18	6,747 18	1,894 74	1,320 00	4,162 98
Somerville,	8,141 04	—	2 85	8,138 19	8,138 19	2,153 19	330 00	839 81
Worcester,	9,150 79	—	—	9,150 79	9,150 79	3,299 13	638 76	780 44
Cost to places paying tuition in but not maintaining this type of school,	—	—	—	—	5,811 47	—	—	—
Total for type of school,	\$94,107 14	\$3,696 63	\$903 71	\$89,506 80	\$95,318 27	\$22,352 52	\$5,811 47	\$6,852 03 <sup>2</sup>

<sup>1</sup> This school was not operated this year, but a small balance was carried over from last year and, consequently, is reported this year.

<sup>2</sup> \$66.14, allotted to Boston for this type of school, was transferred to the Boston evening practical arts classes (Group VI); the Day Homemaking School was not operated this year.



TABLE NO. 2. — *Financial statement, all types of schools: by cities, towns, and counties — Continued.*  
*Group V. Day homemaking schools — Concluded.*

CITIES, TOWNS, AND COUNTIES.	REIMBURSEMENT.				PRODUCTIVITY.				Student hours.
	Net maintenance sum (item J, Annual Returns) (column 5-6 of this table, or, in agricultural department, salaries of agricultural instructors) (lines 32 and 33, Annual Returns).	Maintenance (item K, Annual Returns).	Tuition (one-half of column 7 of this table).	Total reimbursement (cost to State) (sum of columns 9 and 10 of this table).	Cash (column 12, Annual Returns).	Credit (column 13, Annual Returns).	Complete (includes cash, credit, and estimated value of work done for school and others) (total of columns 12-13, Annual Returns).		
1	8	9	10	11	12	13	14	15	
Boston <sup>1</sup>	\$112 22	\$56 11	-	\$56 11	\$1,260 86	-	\$4,634 51	25,740	
Essex County,	12,124 12	6,062 06	-	6,062 06	2,026 39	-	3,494 98	44,467 5	
Lowell,	7,532 20	3,766 10	\$316 25	4,082 35	939 00	-	3,349 17	36,260	
New Bedford,	8,159 17	4,079 58	135 00	4,214 58	179 70	-	5,900 89	91,920	
Newton,	15,709 00	7,854 55	643 12	8,497 67	988 82	-	3,148 86	31,237 5	
Northampton,	5,838 37	2,914 18	669 00	3,574 18	1,101 76	-	2,921 88	43,120	
Quincy,	4,852 44	2,426 22	165 00	2,591 22	1,654 62	-	2,085 23	37,960	
Somerville,	6,985 00	3,492 50	319 38	3,811 88	1,184 73	-	2,697 38	45,510	
Worcester,	5,851 66	2,925 83	666 98	3,592 81	-	-	-	-	
Cost to places paying tuition in but not maintaining this type of school,	-	-	-	-	\$8,335 88	-	\$28,232 90	356,215	
Total for type of school, . . . .	\$67,154 27	\$33,577 13	\$2,905 73	\$36,482 86	-	-	-	-	

<sup>1</sup> This school was not operated this year, but a small balance was carried over from last year and, consequently, is reported this year.

TABLE No. 2. — Financial statement, all types of schools: by cities, towns, and counties — Continued.

## Group VI. Evening practical arts classes.

CITIES, TOWNS, AND COUNTIES.										
1	2	3	4	5	5A	6	7	7A		
	Total expenditures (item 25, Annual Returns).	New construction (item G, Annual Returns).	New equipment (item H, Annual Returns).	Local gross maintenance cost (item F, Annual Returns).	Total gross maintenance cost (includes cost to places paying tuition) (column 5 of this table plus items on tuition affidavits).	Total local non-taxation income (deductions): in schools, line 9, Annual Returns; in agricultural departments, one-half tuition claims (column 10 of this table) plus one-half of income from Smith-Hughes funds (column 7A of this table).	Tuition claims (line 10, Annual Returns).		Income from Smith-Hughes funds (item 9, page 4, Annual Returns).	
Boston.	\$7,663 92			\$7,663 92	\$7,663 92				\$753 99 <sup>1</sup>	
Cambridge.	826 02			826 02	826 02				264 93 <sup>2</sup>	
Essex County.	127 48			127 48	127 48					
Everett.	395 76			395 76	395 76				52 91	
Fall River.	5,363 52			5,363 52	5,363 52				423 29	
Gloucester.	1,015 77			1,015 77	1,015 77				132 28	
Haverhill.	350 55			350 55	350 55					
Holyoke.	5,230 17	\$1 50	\$307 05	4,921 62	4,921 62	673 01	\$329 09		343 92	
Lawrence.	11,702 49	677 16		11,025 33	11,025 33	1,413 65	201 52		740 76	
Leominster.	600 91			600 91	600 91	26 45			26 45	
Lowell.	2,679 14			2,679 14	2,679 14	338 83	87 50		251 33	
Mansfield.	319 66			319 66	319 66					
Methuen.	305 40			305 40	387 84	26 45			26 45	
New Bedford.	6,188 53	75 00	134 32	5,969 21	5,969 21	1,389 97	432 00		251 33	
Newton.	1,115 78		3 85	1,111 93	1,111 93	310 49	151 78		145 50	

North Attleborough, . . . . .	587 70	-	28 70	559 00	559 00	26 45	-	26 45
Plymouth, . . . . .	925 55	-	-	925 55	925 55	13 22	-	13 22
Quincy, . . . . .	475 91	-	-	475 91	475 91	136 55	17 50	119 05
Somerville, . . . . .	755 94	-	-	755 94	755 94	116 36	-	79 36
Stonham, . . . . .	361 00	-	-	361 00	361 00	-	-	-
Taunton, . . . . .	901 63	-	-	901 63	901 63	24 12	-	13 22
Wakefield, . . . . .	518 00	-	-	518 00	518 00	112 91	60 00	52 91
Walpole, . . . . .	537 09	-	2 50	534 59	534 59	26 45	-	26 45
Weymouth, . . . . .	342 43	-	-	342 43	342 43	26 45	-	26 45
Worcester:—								
Independent Board of Trustees, . . . . .	3,227 15	-	-	3,227 15	3,227 15	587 67	32 10	555 57
School Committee, . . . . .	503 31	-	33 76	469 55	469 55	-	-	-
Cost, to places paying tuition in but not maintaining this type of school, . . . . .	-	-	-	-	1,229 05	-	-	-
Total for type of school, . . . . .	\$53,000 81	\$753 66	\$510 18	\$51,736 97	\$53,048 46	\$6,956 13	\$1,311 49	\$4,325 82

<sup>1</sup> \$66.14 was transferred from the amount allotted to the Boston Homemaking School (Group V), which was discontinued last year.

<sup>2</sup> Of this amount, \$92.97 was transferred from the amount allotted to the Cambridge Girls' Trade School (Group II), which was discontinued last year.

TABLE No. 2. — *Financial statement, all types of schools: by cities, towns, and counties — Continued.*Group VI. *Evening practical arts classes — Concluded.*

CITIES, TOWNS, AND COUNTIES.	1	REIMBURSEMENT.			PRODUCTIVITY.			Student hours.
		9	10	11	12	13	14	
		Maintenance (item K, Annual Returns).	Tuition (one-half of column 7 of this table).	Total reimbursement (cost to State) (sum of columns 9 and 10 of this table).	Cash (column 13, Annual Returns).	Credit (column 14, Annual Returns).	Complete (includes cash, credit, and estimated value of work done for school and others) (total of columns 13-17, inclusive, Annual Returns).	
		8						15
Boston, . . . . .	.	\$6,906 56		\$3,453 28	-	\$3 37	\$3 37	40,574
Cambridge, . . . . .	.	555 86		277 93	\$5 23	-	5 23	4,010 4
Essex County, . . . . .	.	137 48		63 74	-	-	-	2,620
Everett, . . . . .	.	342 85		171 43	-	-	160 00	1,324 8
Fall River, . . . . .	.	4,940 23		2,470 11	-	-	5,086 32	26,556
Gloucester, . . . . .	.	812 39		406 20	71 10	-	397 73	2,243 4
Haverhill, . . . . .	.	350 55		175 28	-	-	-	1,598 4
Holyoke, . . . . .	.	4,248 61	\$164 55	2,588 68	-	-	3,517 57	14,812 8
Lawrence, . . . . .	.	9,451 68	100 76	4,906 60	471 37	-	5,158 37	49,145 6
Leominster, . . . . .	.	374 46		287 23	-	-	-	2,245 64
Lowell, . . . . .	.	2,340 31	43 75	1,213 90	-	-	2,692 61	13,889
Mansfield, . . . . .	.	319 66	-	159 83	-	-	-	1,068
Methuen, . . . . .	.	278 95	-	139 48	-	-	880 40	2,412
New Bedford, . . . . .	.	4,569 24	216 00	2,500 62	652 44	-	652 44	35,260 8
Newton, . . . . .	.	801 44	75 89	476 61	13 21	-	3,067 83	2,988 2

North Attleborough,	532 55	266 28	-	266 28	-	-	-	1,555 70	1,916
Plymouth,	912 33	456 16	-	456 16	-	-	-	-	3,313 6
Quincy,	339 36	163 68	8 75	178 43	-	-	-	-	2,696
Somerville,	639 58	319 79	-	319 79	-	-	-	-	3,352 2
Stonham,	361 00	180 50	-	180 50	-	-	-	-	608
Taunton,	877 51	438 76	-	438 76	-	-	-	-	5,672
Warefield,	405 09	202 55	30 00	232 55	-	-	-	-	2,084
Walpole,	508 14	254 07	-	254 07	-	-	-	-	5,674
Weymouth,	315 98	157 99	-	157 99	-	-	-	-	1,066 4
Worcester:—									
Independent Board of Trustees,	2,639 48	1,319 74	16 05	1,335 79	-	-	-	2,957 08	22,572
School Committee,	469 55	234 78	-	234 78	-	-	-	-	10,838
Cost to places paying tuition in but not maintaining this type of school,	-	-	-	-	-	-	-	-	-
Total for type of school, . . .	\$44,780 84	\$22,390 45	\$655 75	\$23,046 20	\$1,250 35	\$3 37	\$27,183 44	261,101 24	

TABLE No. 2. — *Financial statement, all types of schools: by cities, towns, and counties — Continued.*Group VII. *Compulsory and part-time continuation classes.*

CITIES, TOWNS, AND COUNTIES.									
1	2	3	4	5	5A	6	7	7A	
	Total expenditures (item 25, Annual Returns).	New construction (item G, Annual Returns).	New equipment (item H, Annual Returns).	Local gross maintenance cost (item F, Annual Returns).	Total gross maintenance cost (includes cost to places paying tuition) (column 5 of this table plus items on tuition affidavits).	Total local non-taxation income (deductions: in schools, line 9, Annual Returns; one-half tuition departments; one-half tuition claims (column 10 of this table) plus one-half of income from Smith-Hughes funds (column 7A of this table).	Tuition claims (line 10, Annual Returns).	Income from Smith-Hughes funds (item 9, page 4, Annual Returns).	
Boston,	\$122,274 80	\$7,192 33	\$2,554 71	\$112,527 76	\$112,527 76	\$20,232 69	-	\$18,474 79	
Southbridge,	1,071 28	-	-	1,071 28	1,071 28	-	-	-	
Total for type of school,	\$123,346 08	\$7,192 33	\$2,554 71	\$113,599 04	\$113,599 04	\$20,232 69	-	\$18,474 79	

Group VIII. *Agricultural schools.*

Bristol County,	.	\$47,476 61	\$1,515 46	\$461 14	\$45,500 01	\$45,500 01	\$21,600 22	\$644 92	\$411 45
Concord,	.	4,096 82	14 00	60	4,082 22	4,082 22	1,365 58	1,170 32	195 26
Essex County,	.	63,949 37	7,050 59	1,146 78	55,752 02	55,752 02	12,149 27	-	1,408 64
Newton, <sup>1</sup>	.	2,545 12	-	10 75	2,534 37	2,634 37	314 94	175 00	139 47
Norfolk County,	.	36,106 03	670 63	2,249 65	33,185 75	33,185 75	8,859 78	205 17	829 89
Weymouth Branch,	.	1,624 41	114 75	-	1,492 41	1,624 41	-	-	-
Northampton,	.	13,992 47	-	112 92	13,764 80	13,764 80	4,561 53	1,088 69	516 06
Cost to places paying tuition in but not maintaining this type of school,	.	-	-	-	-	-	-	-	-
Total for type of school,	.	\$169,790 83	\$9,365 43	\$3,931 82	\$156,443 58	\$159,727 68	\$48,851 32	\$3,284 10	\$3,500 77

<sup>1</sup> Included evening work in agriculture.

TABLE No. 2. — *Financial statement, all types of schools: by cities, towns, and counties — Continued.*  
*Group VII. Compulsory and part-time continuation classes — Concluded.*

CITIES, TOWNS, AND COUNTIES.	REIMBURSEMENT.				PRODUCTIVITY.			Student hours.
	Net maintenance sum (item 1, this table), or, in agricultural departments, salaries of agricultural instructors (lines 32 and 33, Annual Returns).	Maintenance (item 8, Annual Returns).	Tuition (one-half of column 7 of this table).	Total reimbursement (cost to State) (sum of columns 9 and 10 of this table).	Cash (column 13, Annual Returns).	Credit (column 14, Annual Returns).	Complete (includes cash, credit, and estimated value of work done for school and others) (total of columns 13-17, inclusive, Annual Returns).	
1	8	9	10	11	12	13	14	15
Boston,	\$82,285 07	\$46,147 53	-	\$46,147 53	\$1,757 90	-	\$4,626 11	967,520
Southbridge,	1,071 28	535 64	-	535 64	-	-	-	1
Total for type of school,	\$83,356 35	\$46,683 17	-	\$46,683 17	\$1,757 90	-	\$4,626 11	967,520

*Group VIII. Agricultural schools — Concluded.*

Bristol County,	\$23,899 79	\$11,949 89	\$322 46	\$12,272 35	\$9,523 68	-	\$12,132 45	148,040 42
Concord,	2,716 64	1,358 32	585 16	1,943 48	-	-	-	94,113 8
Essex County,	43,602 75	21,801 38	-	21,501 38	6,536 23	-	6,536 23	167,340 25
Newton, <sup>2</sup>	2,219 43	1,109 72	87 50	1,197 22	-	-	-	26,794 25
Norfolk County,	24,325 97	12,162 99	102 59	12,265 58	1,685 15	-	1,685 15	26,829 16
Weymouth Branch,	1,624 41	812 20	-	812 20	-	-	-	14,221 6
Norhampton,	9,203 27	4,601 63	544 34	5,145 97	2,859 07	-	2,859 07	41,225
Cost to places paying tuition in but not maintaining this type of school,	-	-	-	-	-	-	-	-
Total for type of school,	\$107,592 26	\$53,796 13	\$1,642 05	\$55,438 18	\$20,604 13	-	\$23,212 90	448,564 23

<sup>1</sup> No sessions were started previous to the end of current school year, hence no student hours.

<sup>2</sup> Included evening work in agriculture.





Mansfield, <sup>1</sup>	262 50	-	-	262 50	119 48	-	126 48
Marlborough, <sup>2</sup>	2,067 82	-	-	2,858 56	60 53	-	41 83
New Salem,	707 08	-	-	707 08	-	-	-
North Attleborough, <sup>1</sup>	1,950 00	-	-	1,950 00	-	-	-
Orange,	1,654 87	-	-	1,654 87	72 78	61 88	83 67
Plymouth,	1,991 47	-	17 12	1,974 35	-	-	-
Reading, <sup>1</sup>	4,829 42	-	275 08	4,647 78	589 57	949 00	230 13
Wakefield, <sup>1</sup>	975 00	-	-	975 00	-	-	-
Worcester (School Committee), <sup>3</sup>	4,356 14	-	-	4,356 14	93 79	111 26	48 81
Cost to places paying tuition in but not maintaining this type of school,	-	-	-	1,994 52	-	-	-
Total for type of school,	\$43,078 58	\$80 00	\$389 65	\$42,722 37	\$1,638 60	\$1,994 52	\$1,255 14
Grand total for all types,	\$1,015,993 48	\$34,664 37	\$32,493 91	\$948,928 72	\$217,126 47 <sup>4</sup>	\$63,455 44 <sup>4</sup>	\$60,152 90

<sup>1</sup> Conducted evening work in agriculture only.<sup>3</sup> Of this amount, \$135 represents an old tuition claim not included in previous deductions and still unpaid.<sup>2</sup> Included evening work in agriculture.<sup>4</sup> Of this amount, \$135 represents an old claim still unpaid.

TABLE No. 2. — *Financial statement, all types of schools: by cities, towns, and counties — Concluded.*Group IX. *Agricultural departments — Concluded.*

CITIES, TOWNS, AND COUNTIES.	1	REIMBURSEMENT.			PRODUCTIVITY.			Student hours.
		Net maintenance sum (item J, Annual Returns) (column 5-6 of this table), or, in agricultural departments, salaries of agricultural instructors (lines 32 and 33, Annual Returns).	Maintenance (item K, Annual Returns).	Tuition (one-half of column 7 of this table).	Total reimbursement (cost to State) (sum of columns 9 and 10 of this table).	Cash (column 13, Annual Returns).	Credit (column 14, Annual Returns).	Complete (includes cash, credit, and estimated value of work done for school and others) (total of columns 13-17, inclusive, Annual Returns).
Ashfield,	.	\$1,600 00	\$900 65	\$107 00	\$1,007 65	.	.	15
Ayer, <sup>1</sup>	.	300 00	200 00	—	200 00	.	.	28,701.25
Boston,	.	3,998 40	2,665 60	—	2,665 60	.	.	38,990
Brimfield,	.	1,817 00	1,043 98	108 33	1,152 31	.	.	20,914
Canton, <sup>1</sup>	.	1,200 00	800 00	—	800 00	.	.	16,860
Dedham, <sup>1</sup>	.	150 00	100 00	—	100 00	.	.	—
Easton,	.	925 00	553 42	—	553 42	.	.	—
Fall River, <sup>1</sup>	.	2,583 33	1,255 55	—	1,255 55	.	.	—
Falmouth,	.	800 00	533 33	—	533 33	.	.	—
Frammingham, <sup>1</sup>	.	1,197 85	798 57	—	798 57	.	.	—
Gloucester, <sup>1</sup>	.	1,020 00	680 00	—	680 00	.	.	—
Hadley,	.	1,618 05	1,019 67	—	1,019 67	.	.	13,769
Harwich,	.	1,468 05	704 68	125 00	919 68	.	.	12,747
Haverhill, <sup>1</sup>	.	700 00	466 66	—	466 66	.	.	—
Holyoke, <sup>1</sup>	.	1,775 00	1,023 33	—	1,023 33	.	.	—
Leominster, <sup>2</sup>	.	1,864 84	1,180 46	—	1,180 46	.	.	16,917

Mansfield, <sup>1</sup>	262 50	175 00	-	175 00	-	-	-	5,530.25
Marlborough, <sup>2</sup>	1,779 81	1,067 06	56 24	1,123 30	-	-	-	12,192.47
New Salem,	631 09	350 20	39 62	399 82	-	-	-	
North Attleborough, <sup>1</sup>	1,950 00	1,300 00	-	1,300 00	-	-	-	23,027.5
Orange,	1,500 00	927 23	30 94	958 17	-	-	-	21,706.25
Plymouth,	1,798 55	1,199 02	-	1,199 02	-	-	-	34,584
Reading, <sup>1</sup>	3,502 13	1,745 20	474 50	2,219 70	-	-	-	
Wakefield, <sup>1</sup>	975 00	650 00	-	650 00	-	-	-	119,020
Worcester (School Committee), <sup>2</sup>	3,136 40	1,997 14	55 63	2,052 77	-	-	-	
Cost to places paying tuition in but not maintaining this type of school,	-	-	-	-	-	-	-	
Total for type of school,	\$38,553 00	\$23,435 75	\$997 26	\$24,434 01	-	-	-	364,958.72
Grand total for all types,	\$729,271 47	\$303,796 05	\$31,660 22 <sup>3</sup>	\$400,456 27	\$59,103 44	\$2,466 54	\$201,783 32	4,976,850.95

<sup>1</sup> Conducted evening work in agriculture only.<sup>2</sup> Included evening work in agriculture.<sup>3</sup> This amount would ordinarily equal one-half of that in column 7, but, in this particular case, reimbursement has not yet been made for an item of \$67.50.

TABLE No. 3. — Summarized financial statement, all types of schools: by cities, towns, and counties.

	1	2	3	4	5	5A	6	7	7A
		Total expenditures (item 25, Annual Returns).	New construction (item G, Annual Returns).	New equipment (item H, Annual Returns).	Local gross maintenance cost (item F, Annual Returns).	Total gross maintenance cost (includes cost to places paying tuition) (column 5 of this table plus items on tuition affidavits).	Total local non-taxation income (deductions): in schools, line 9, departments, one-half tuition claims (column 10 of this table) plus one-half of income from Smith-Hughes funds (column 7A of this table).	Tuition claims (line 10, Annual Returns).	Income from Smith-Hughes funds (item 9, page 4, Annual Returns).
Ashfield IX.	.	\$1,812 66	-	-	\$1,812 66	\$1,812 66	\$166 02	\$214 00	\$118 05
Ayer IX.	.	300 00	-	-	300 00	300 00	-	-	-
Beverly I, III.	.	8,665 65	-	\$507 14	8,158 51	8,158 51	3,638 57	3,091 71	546 86
Boston I, II, III, IV, V, VI, VII, IX.	.	273,143 99	\$9,192 43	8,676 17	255,275 39	255,508 15	45,875 71	5,255 53	26,553 98
Brimfield IX.	.	1,884 85	-	-	1,884 85	1,884 85	107 36	216 66	118 05
Bristol County VIII.	.	47,476 61	1,515 46	461 14	45,500 01	45,500 01	21,600 22	644 92	411 45
Cambridge III, VI.	.	4,884 01	-	21 76	4,862 25	4,862 25	1,233 92	227 50	380 19
Canton IX.	.	1,200 00	-	-	1,200 00	1,200 00	-	-	-
Chicopee III.	.	2,542 51	-	45 12	2,497 39	2,507 51	116 54	-	116 54
Concord VIII.	.	4,096 82	14 00	60	4,082 22	4,082 22	1,365 58	1,170 32	195 26
Dedham IX.	.	150 00	-	-	150 00	150 00	-	-	-
Easton IX.	.	1,030 47	-	-	1,030 47	1,030 47	63 25	-	126 50
Essex County V, VI, VIII.	.	82,025 54	10,072 22	1,637 83	70,315 49	70,315 49	14,461 14	-	1,884 85
Everett III, VI.	.	2,727 36	-	5 20	2,722 16	2,722 16	176 81	25 00	106 70
Fall River I, III, VI, IX.	.	17,339 27	1,277 26	61 83	16,000 18	16,000 18	1,655 23	-	719 13
Falmouth IX.	.	800 00	-	-	800 00	800 00	-	-	-
Framingham III, IX.	.	1,280 35	-	-	1,280 35	1,280 35	8 75	8 75	-
Gloucester VI, IX.	.	2,033 77	-	-	2,033 77	2,033 77	203 38	-	132 28
Hadley IX.	.	2,288 95	60 00	97 45	2,131 50	2,131 50	59 03	-	118 05
Harwich IX.	.	1,529 75	-	-	1,529 75	1,529 75	184 03	250 00	118 05
Haverhill VI, IX.	.	1,050 55	-	-	1,050 55	1,050 55	-	-	-

CITIES, TOWNS, AND COUNTIES.

Holyoke I, III, VI, IX,	40,894 18	294 37	1,024 70	39,575 11	39,575 11	11,616 04	1,137 30	1,518 33
Lawrence III, VI,	20,765 91	1,680 87		19,105 04	19,105 04	2,110 50	525 37	1,099 36
Leominster III, VI, IX,	2,944 33		18 12	2,926 21	2,926 21	134 21	45 00	151 97
Lowell I, III, V, VI,	39,297 36	12 50	2,043 98	37,236 28	37,236 28	7,969 02	2,685 00	2,454 56
Lynn I, III, V, VI,	18,488 71	3,598 82	7,364 66	7,525 23	7,663 06			
Mansfield VI, IX,	352 16			582 16				
Marlborough IX,	2,067 82			2,067 82				
Methuen VI,	305 40			305 40		119 48	112 48	126 48
New Bedford I, III, V, VI,	53,156 82	3,000 00	844 57	49,312 25	49,312 25	26 45		26 45
New Salem, IX,	707 08			707 08		10,252 47	3,382 70	2,654 87
Newton I, III, V, VI, VIII,	68,482 10		1,079 28	67,402 82	67,502 82	60 53	70 24	41 88
Norfolk County VIII,	37,730 44	670 63	2,249 65	34,810 16	34,810 16	15,265 69	9,890 78	5,073 56
Northampton I, V, VIII,	30,726 41	342 85	229 78	30,153 78	30,153 78	8,859 78	203 17	829 89
North Attleborough III, VI, IX,	3,013 06	1 12	35 35	2,976 59	2,976 59	9,211 71	2,818 69	1,749 45
Orange IX,	1,654 87			1,654 87		44 38		44 38
Plymouth VI, IX,	2,917 02		17 12	2,899 90	2,899 90	72 78	61 88	83 67
Quincy I, III, V, VI,	28,647 45	62 77	319 63	28,265 09	28,266 31	13 22		13 22
Reading IX,	4,829 42		275 08	4,647 78	4,647 78	7,784 71	3,720 00	1,648 86
Rosenville I, III, V, VI,	23,094 55	1 42	124 61	24,968 52	24,994 77	589 57	949 00	230 13
Southbridge I, III, VII,	1,371 52			1,371 52		7,053 55	3,187 11	1,503 11 <sup>2</sup>
Springfield I, III,	24,089 07		488 79	23,605 28	23,605 28			
Stoneman VI,	361 00			361 00		5,067 68	1,760 50	1,174 41
Taunton III, VI,	1,089 84			1,089 84				
Wakefield VI, IX,	1,493 00			1,493 00		88 91		49 08
Walpole VI,	537 09		2 50	531 59	534 59	112 91	60 00	52 91
Waltham III,	771 85		7 20	764 65	783 15	26 45		26 45
Westfield I, III,	8,640 93	21 52	483 28	8,131 13	8,131 13	58 82	14 00	44 82
Weymouth VI,	342 43			342 43		1,048 39	100 00	562 04
Worcester I, II, III, IV, V, VI, IX,	136,726 51	2,866 13	4,366 69	129,493 69	129,493 69	26 45		26 45
Total, all schools,	\$1,015,993 48	\$34,664 37	\$32,493 91	\$948,928 72	\$1,013,039 90	\$217,126 47 <sup>3</sup>	\$83,455 44 <sup>4</sup>	\$60,152 90 <sup>5</sup>
Tuition paid for non-residents,	63,320 44							
State office administration,	26,091 73							
Grand total, State and municipalities,	\$1,105,405 65	\$34,664 37	\$32,493 91	\$948,928 72	\$1,013,039 90	\$217,126 47 <sup>3</sup>	\$83,455 44 <sup>4</sup>	\$60,152 90 <sup>5</sup>

<sup>1</sup> Includes \$823.60, tuition received for non-residents placed by the Federal Board for vocational education.

<sup>2</sup> Reduced by 50 cents, which represents overpayment of that amount last year.

<sup>3</sup> Of this amount, \$135 represents an old tuition claim not included in previous deductions and still unpaid.

<sup>4</sup> Of this amount, \$135 represents an old claim still unpaid.

<sup>5</sup> In addition to this total, (1) \$26.89 was distributed to Attleboro, based on expenditures for the year previous; no school operated this year; (2) \$244.09 was applied for office use.

TABLE No. 3. — Summarized financial statement, all types of schools: by cities, towns, and counties — Concluded.

CITIES, TOWNS, AND COUNTIES.												
1	Net maintenance sum (item J, Annual Returns) (column 5-6 of this table), or, in agricultural departments, salaries of agricultural instructors (lines 32 and 33, annual Returns).				REIMBURSEMENT.			PRODUCTIVITY.			Student hours.	
	8	9	10	11	Maintenance (item K, Annual Returns).	Tuition (one-half of column 7 of this table).	Total reimbursement (cost to State) (sum of columns 9 and 10 of this table).	Cash (column 13, Annual Returns).	Credit (column 14, Annual Returns).	Complete (includes cash, credit, and estimated value of work done for school and others) (total of columns 13-17, inclusive, Annual Returns).		
1												
Ashfield IX.	\$1,600 00	\$900 65	\$107 00	\$1,007 65								28,701.25
Ayer IX.	300 00	200 00		200 00								—
Beverly I, III.	4,519 94	2,250 97	1,545 86	3,805 83							\$4,614.47	110,336
Boston I, II, III, IV, V, VI, VII, IX.	209,314 84	105,323 86	2,627 76	107,951 62							34,128.84	1,727,006
Brimfield IX.	1,817 00	1,043 98	108 33	1,152 31					\$3 37			20,914
Bristol County VIII.	23,899 79	11,949 89	322 46	12,272 35							12,132.45	148,040.42
Cambridge III, VI.	3,628 33	1,814 17	113 75	1,927 92							260.73	20,026.4
Canton IX.	1,200 00	800 00	—	800 00							50.00	13,040
Chicopee III.	2,380 85	1,190 43	—	1,190 43								24,113.8
Concord VIII.	2,716 64	1,358 32	585 16	1,943 48								—
Dedham IX.	150 00	100 00	—	100 00								16,860
Easton IX.	925 00	553 42	—	553 42								195,700
Essex County V, VI, VIII.	55,254 35	27,927 18	—	27,927 18							11,170.74	9,986.9
Everett III, VI.	2,545 35	1,272 68	12 50	1,285 18							280.11	61,031.4
Fall River I, III, VI, IX.	14,344 95	7,136 36	—	7,136 36					535.65		6,654.92	—
Falmouth IX.	800 00	533 33	—	533 33								802.8
Framingham III, IX.	1,271 60	835 45	4 38	839 83							397.73	2,943.4
Gloucester VI, IX.	1,332 39	1,086 20	—	1,086 20								13,769
Hadley IX.	1,618 05	1,019 67	—	1,019 67								12,747
Harwich IX.	1,468 05	794 68	125 00	919 63								1,598.4
Haverhill VI, IX.	1,050 55	641 94	—	641 94								—



TABLE NO. 4. — *Prizes won in 1919. — Summary for all vocational agricultural school and department pupils.*

LOCATION OF SCHOOLS AND DEPARTMENTS.	JUDGING CONTESTS.					OTHER CON- TESTS.	Total won.
	Corn.	Vege- tables.	Apples.	Poultry.	Live stock.	Products of projects, etc.	
SCHOOLS.							
Northampton, . . . .	-	-	-	-	\$7 98	\$4 75	\$12 73
Bristol County, . . .	-	-	-	-	-	3 00	3 00
Concord, . . . . .	-	-	-	-	-	7 05	7 05
Essex County, . . . .	-	-	-	\$8 50	17 50	61 00	87 00
Newton, . . . . .	-	-	-	-	-	-	-
Norfolk County, . . .	-	-	-	-	-	-	-
Weymouth Branch, . .	-	-	-	-	-	-	-
DEPARTMENTS.							
Hadley, . . . . .	\$2 50	\$1 50	-	-	8 34	8 25	20 59
Harwich, . . . . .	-	-	-	-	-	4 75	4 75
Easton, . . . . .	-	-	-	-	-	16 75	16 75
Brimfield, . . . . .	6 00	20 00	\$6 00	-	53 00	-	85 00
Ashfield, . . . . .	2 50	-	-	-	211 00	5 50	219 00
Marlborough, . . . .	-	-	-	-	-	-	-
Reading, . . . . .	-	-	-	-	-	-	-
Leominster, . . . . .	-	-	-	-	-	-	-
Orange, . . . . .	-	-	-	-	5 00	47 50	52 50
Plymouth, . . . . .	-	-	-	-	-	-	-
Worcester, . . . . .	-	-	-	-	-	25 00	25 00
Boston (West Roxbury), .	-	-	-	-	-	7 25	7 25
New Salem, . . . . .	-	-	-	-	-	17 75	17 75
Totals, . . . . .	\$11 00	\$21 50	\$6 00	\$8 50	\$302 82	\$208 55	\$558 37



TABLE NO. 5. — *Earnings of vocational agricultural pupils from farm work and other work during the periods covered by their school attendance and their farming projects.*

VOCATIONAL AGRICULTURAL SCHOOLS AND DEPARTMENTS.	1919.						
	ENROLLMENT.			EARNINGS.			
	Boys.	Girls.	Total.	Farm work.	Other work.	GRAND TOTALS.	
						Cash.	Total cash and credit.
SCHOOLS.							
Northampton, . .	17	-	17	\$10,227 60	\$236 29	\$1,311 73	\$10,463 89
Bristol County, .	45	-	45	18,927 37	2,127 84	13,060 47	21,055 21
Concord, . . . .	10	-	10	4,296 80	31 38	1,877 59	4,328 18
Essex County, .	45	1	46	22,191 16	1,492 73	20,655 98	23,683 89
Newton, . . . .	17	-	17	3,529 59	763 56	3,338 35	4,293 15
Norfolk County, .	14	-	14	5,231 01	792 90	2,890 74	6,023 91
Weymouth Branch,	8	-	8	1,175 08	462 30	1,031 76	1,637 38
DEPARTMENTS.							
Hadley, . . . .	12	-	12	7,694 30	41 00	593 55	7,735 30
Harwich, . . . .	8	-	8	3,182 83	944 61	1,438 32	4,127 44
Easton, . . . .	11	-	11	852 34	128 15	634 96	980 49
Brimfield, . . .	11	-	11	2,353 94	476 90	1,090 12	2,830 84
Ashfield, . . . .	15	-	15	6,458 57	669 80	3,296 79	7,128 37
Marlborough, . .	6	-	6	1,025 72	996 09	913 76	2,021 81
Reading, . . . .	16	-	16	4,449 46	861 71	2,403 35	5,311 17
Leominster, . . .	9	-	9	1,622 04	-	-	1,622 04
Orange, . . . .	8	-	8	3,626 31	534 60	2,368 20	4,160 91
Plymouth, . . . .	11	-	11	3,511 05	710 80	2,024 61	4,221 85
Worcester, . . .	20	-	20	2,444 23	715 25	2,105 15	3,159 48
Boston, . . . .	12	-	12	2,623 04	174 12	2,797 16	2,797 16
New Salem, . .	10	-	10	1,043 49	76 40	818 62	1,119 89
Totals, . . . .	305	1	306	\$106,465 93	\$12,236 43	\$64,651 21	\$118,702 36
Totals for 1912, .	66	4	70	\$9,754 28	\$1,345 80	-	\$11,100 17
Totals for 1913, .	86	3	89	15,399 90	2,582 61	-	17,982 15
Totals for 1914, .	230	5	235	37,936 67	4,124 06	-	42,060 73
Totals for 1915, .	413	5	418	51,279 89	4,974 86	\$25,229 73	56,254 75
Totals for 1916, .	489	8	497	75,766 53	8,406 90	44,977 15	84,173 43
Totals for 1917, .	511	7	518	111,500 87	8,808 16	63,751 26	120,309 03
Totals for 1918, .	314	8	322	108,895 59	12,827 39	65,463 12	124,669 47

TABLE No. 6. — *Vital statistics by types of schools and departments.**Group I. Day industrial schools (boys).*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN- ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Beverly: —	1	1						
Machine shop, . . . .			100	36	60	56	94.6	11
Total for school, . . .	1	1	100	36	60	56	94.6	11
Boston: —	1	1						
Academic, . . . . .			-	-	-	-	-	-
Electrical, . . . . .			109	9	73	80.6	91	11
Machine shop, . . . . .			96	3	62	66.6	89	14
Printing, . . . . .			24	3	16	17.2	91	1
Sheet metal, . . . . .			36	1	24	22.7	90	2
Woodworking, . . . . .			54	1	41	35.8	91	6
Total for school, . . .	1	1	319	17	216	222.9	90.4	34
Fall River: —	1	1						
Decorating, . . . . .			14	-	10	8	75	-
Shop carpentry, . . . .			24	-	13	14.6	77.3	-
Total for school, . . .	1	1	38	-	23	22.6	76.5	-
Holyoke: —	1	1						
Carpentry, . . . . .			21	-	12	12.6	90.4	-
Machine shop, . . . . .			61	3	36	41.2	95.4	-
Pattern making, . . . .			14	4	7	9.2	91.3	-
Printing, . . . . .			16	1	7	7.1	95.8	-
Total for school, . . .	1	1	112	8	62	70.1	93.2	-
Lowell: —	1	1						
Auto repair, . . . . .			53	8	21	30.4	89	-
Carpentry, . . . . .			16	4	7	9.42	89.38	-
Electrical, . . . . .			38	4	12	22.7	96	-
Machine shop, . . . . .			42	13	13	26.5	87	-
Related work, . . . . .			-	-	-	-	-	-
Shop science, . . . . .			-	-	-	-	-	-
Total for school, . . .	1	1	149	29	53	89.02	90.34	-
New Bedford: —	1	1						
Carpentry, . . . . .			19	5	10	10.8	87	1
Electrical, . . . . .			45	6	18	26.72	94	-
Machine shop, . . . . .			47	15	18	25.28	85	2
Power, . . . . .			12	1	5	7.15	81	-
Total for school, . . .	1	1	123	27	51	69.95	86.75	3
Newton: —	1	1						
Cabinet making, . . . .			25	8	18	16.5	92.1	1
Electrical, . . . . .			43	16	29	37.7	88.3	3
Machine shop, . . . . .			136	37	79	103.6	93.1	6
Pattern making, . . . .			10	1	8	8.8	94.3	1
Printing, . . . . .			20	2	11	13.7	97.1	1
Total for school, . . .	1	1	234	64	145	180.3	92.9	12

TABLE No. 6. — *Vital statistics by types of schools and departments.**Group I. Day industrial schools (boys).*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTER- ING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
11	-	-	5	2	20	5	17	4	1,850	103,600
11	-	-	5	2	20	5	17	4	1,850	103,600
-	-	-	-	-	-	-	-	4	-	-
8	2	1	9	-	4	3	14	3	1,500	120,900
7	3	4	9	1	2	3	16	3	1,500	99,900
1	-	-	1	1	1	2	3	1	1,500	25,800
1	-	1	3	1	-	1	4	2	1,500	34,050
4	-	2	1	-	2	-	6	3	1,500	53,900
21	5	8	23	3	9	9	43	16	7,500	334,550
-	-	-	-	1	3	-	3	1	1,400	11,200
-	-	-	-	-	11	-	9	2	1,400	20,440
-	-	-	-	1	14	-	12	3	2,800	31,640
-	-	-	-	1	8	-	7	1	1,400	17,640
-	-	-	4	-	8	2	6	3	1,400	57,680
-	-	-	-	-	4	2	3	1	1,400	12,880
-	-	-	3	-	4	-	3	1	1,400	9,940
-	-	-	7	3	24	4	19	6	5,600	98,140
-	-	-	11	-	13	1	5	1	1,400	42,560
-	-	-	3	-	4	-	4	1	1,400	13,188
-	-	-	10	1	11	1	2	2	1,400	31,780
-	-	-	15	-	8	-	3	2	1,400	37,100
-	-	-	-	-	-	-	-	1	-	-
-	-	-	-	-	-	-	-	1	-	-
-	-	-	39	1	36	2	14	8	5,600	124,628
1	-	-	1	-	8	-	5	2	1,400	15,120
2	-	-	9	-	18	-	12	2	1,400	37,408
-	-	-	10	-	18	1	11	3	1,400	35,392
-	-	-	2	-	5	-	2	2	1,400	10,010
3	-	-	22	-	49	1	30	9	5,600	97,930
1	-	-	1	-	2	1	2	6	1,400	23,100
3	-	-	3	2	4	2	4	6	1,400	52,780
3	-	3	5	10	28	3	21	9	1,400	145,040
-	1	-	-	-	-	1	-	4	1,400	12,320
1	-	-	1	2	2	3	5	3	1,400	19,180
8	1	3	10	14	36	10	32	28	7,000	252,420

TABLE No. 6. — *Vital statistics by types of schools and departments — Continued.**Group I. Day industrial schools (boys) — Concluded.*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN- ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Northampton: —	1	1						
Carpentry, . . . . .			25	9	16	13.9	94.2	3
Total for school, . . . .	1	1	25	9	16	13.9	94.2	3
Quincy: —	1	1						
Electrical, . . . . .			24	3	9	15.3	86.6	—
Machine shop, . . . . .			37	6	16	26.8	93.5	—
Sheet metal, . . . . .			36	8	14	18.3	90.1	2
Woodworking, . . . . .			30	7	15	20.8	91.5	2
Total for school, . . . .	1	1	127	24	54	81.2	90.4	4
Somerville: —	1	1						
Academic, . . . . .			—	—	—	—	—	—
Automobile, . . . . .			30	5	14	17.7	90.9	1
Machine shop, . . . . .			46	17	33	35.1	94.5	7
Woodworking, . . . . .			13	6	6	8.1	95	1
Total for school, . . . .	1	1	89	28	53	60.9	93.4	9
Springfield: —	1	1						
Cabinet making, . . . . .			21	1	7	19.9	93	2
Carpentry, . . . . .			13	1	3	19.9	93	—
Machine shop, . . . . .			96	15	36	54.7	93	2
Pattern making, . . . . .			16	2	6	19.9	93	—
Printing, . . . . .			21	—	5	6.7	91	—
Total for school, . . . .	1	1	167	19	57	121.1	92.6	4
Westfield: —	1	1						
Machine shop, . . . . .			54	2	28	34.6	94.5	—
Total for school, . . . .	1	1	54	2	28	34.6	94.5	—
Worcester: —	1	1						
Academic, . . . . .			—	—	—	—	—	—
Cabinet making, . . . . .			38	9	31	30	86	3
Carpentry, . . . . .			23	7	7	9	77	1
Drafting, . . . . .			71	22	46	51	92	1
Electrical, . . . . .			55	32	34	38	92	1
Machine shop, . . . . .			143	75	118	122	90	10
Painting and decorating, . .			2	1	1	2	50	—
Pattern making, . . . . .			41	9	34	36	86	4
Power plant, . . . . .			64	23	29	30	86	—
Printing, . . . . .			26	7	9	9	88	1
Total for school, . . . .	1	1	463	185	309	327	83	21
Total for type of school, .	13	13	2,000	448	1,127	1,349.57	90.2	101

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group I. Day industrial schools (boys) — Concluded.*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTERING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
3	-	-	1	1	7	-	3	3	1,225	17,027.5
3	-	-	1	1	7	-	3	3	1,225	17,027.5
-	-	-	4	-	6	-	2	1	1,400	21,420
2	-	-	5	-	10	1	2	2	1,400	37,520
2	-	-	7	3	7	-	1	3	1,400	25,620
2	-	-	2	1	7	1	2	2	1,400	29,120
4	-	-	18	4	30	2	7	8	5,600	113,680
-	-	-	-	-	-	-	-	1	-	-
1	-	-	4	3	3	-	3	1	1,400	24,780
7	-	-	4	3	3	-	3	2	1,400	49,140
-	1	-	-	2	3	-	2	1	1,400	11,340
8	1	-	8	8	9	-	8	5	4,200	85,260
2	-	-	2	3	3	-	1	3	1,225	24,377.5
2	-	-	2	2	3	-	1	3	1,225	24,377.5
-	-	-	18	15	10	2	20	5	1,225	67,007
-	-	-	4	2	4	-	4	3	1,225	24,377.5
-	-	-	9	2	4	-	6	2	1,225	8,207.5
4	-	-	35	24	24	2	32	16	6,125	148,347.0
-	-	-	3	1	16	1	18	4	1,400	48,400
-	-	-	3	1	16	1	18	4	1,400	48,400
-	-	-	-	-	-	-	-	8	-	-
3	-	-	2	1	3	-	2	2	1,470	44,100
1	-	-	4	-	8	-	4	1	1,470	13,230
1	-	-	9	-	12	-	5	3	1,470	74,970
1	-	-	4	2	14	-	2	3	1,470	55,860
10	-	-	11	-	10	-	8	7	1,470	179,340
-	-	-	-	-	1	-	-	1	1,470	2,940
4	-	-	2	-	5	-	2	1	1,470	52,920
-	-	-	8	1	21	-	14	2	1,470	44,100
1	-	-	4	1	9	-	2	1	1,470	13,230
21	-	-	44	5	83	-	39	29	13,230	480,600
83	7	11	215	66	357	36	274	139	67,730	1,936,312.5

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group II. Day industrial schools (girls).*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN- ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Boston:—	1	1						
Catering, . . . . .			16	5	9	10	80	3
Dressmaking, . . . . .			201	30	124	121	88.7	23
Millinery, . . . . .			57	4	24	29	86	19
Power machine operating, .			67	6	26	30	87.6	18
Total for school, . . . .	1	1	341	45	183	190	85.5	68
Worcester:—	1	1						
Academic, . . . . .			—	—	—	—	—	—
Art, . . . . .			—	—	—	—	—	—
Dressmaking, . . . . .			64	9	17	48	87	5
Gymnasium, . . . . .			—	—	—	—	—	—
Machine operating, . . . .			17	—	7	6	83	2
Total for school, . . . .	1	1	81	9	24	54	85	7
Total for type of school, .	2	2	412	54	207	244	85.2	75

*Group III. Evening industrial schools (men).*

Beverly:—	1	1						
Auto repairing, . . . . .			14	2	7	9	89	—
Blue-print reading, . . . .			79 (1) <sup>1</sup>	11	20	33	85	—
Care and operating of A. C. machine, . . . . .			10	2	4	7	86	—
Elementary tool design, . .			13 (8) <sup>1</sup>	3	6	8	75	—
Mathematics for electricians, .			9	2	5	7	86	—
Mathematics for machinists, .			40 (2) <sup>1</sup>	11	19	20	90	—
Shop trigonometry, . . . .			23	4	9	13	85	—
Wood pattern making, . . . .			12	—	8	11	82	—
Total for school, . . . . .	1	1	200	35	78	108	84.7	—
Boston:—	1	4						
Aëroplane construction and repair, . . . . .			50 (13) <sup>1</sup>	—	21	30	73	—
Electrical, . . . . .			133 (50) <sup>1</sup>	3	23	59	69	—
Machine, . . . . .			237 (24) <sup>1</sup>	6	73	107	78	—
Mechanical drawing, . . . .			232 (32) <sup>1</sup>	—	72	121	65	—
Radio, <sup>2</sup> . . . . .			71 (100) <sup>1</sup>	—	21	26	73	—
Sheet metal, . . . . .			62 (34) <sup>1</sup>	—	23	32	72	—
Telegraphy, . . . . .			12 (100) <sup>1</sup>	—	9	12	50	—
Woodworking, . . . . .			54 (17) <sup>1</sup>	—	21	27	78	—
Total for school, . . . . .	1	4	856	9	263	414	69.7	—

<sup>1</sup> Figures in parentheses represent non-trade extension percentage of enrollment.

TABLE No. 6. — *Vital statistics by types of schools and departments —*  
Continued.*Group II. Day industrial schools (girls).*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTER- ING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
3	-	-	-	-	4	-	2	7	1,650	16,500
28	-	-	7	5	35	2	7	21	1,650	199,650
19	-	-	1	1	11	1	2	7	1,650	47,850
18	-	-	2	-	18	3	5	5	1,650	49,500
68	-	-	10	6	68	6	16	40	6,600	313,500
-	-	-	-	-	-	-	-	2	-	-
5	-	-	2	2	43	-	-	1	-	-
2	-	-	1	-	1	-	22	8	1,522½	73,080
-	-	-	2	-	8	-	8	1	1,522½	9,135
7	-	-	4	2	51	-	30	14	3,045	82,215
75	-	-	14	8	119	6	46	54	9,645	395,715

*Group III. Evening industrial schools (men).*

-	-	-	-	-	-	-	-	1	42	378
-	-	-	-	-	-	-	-	4	152	2,508
-	-	-	-	-	-	-	-	1	28	196
-	-	-	-	-	-	-	-	1	76	608
-	-	-	-	-	-	-	-	1	14	98
-	-	-	-	-	-	-	-	3	76	1,520
-	-	-	-	-	-	-	-	1	76	988
-	-	-	-	-	-	-	-	1	40	440
-	-	-	-	-	-	-	-	13	504	6,736
-	-	-	-	-	-	-	-	1	132	3,960
-	-	-	-	-	-	-	-	4	132	7,788
-	-	-	-	-	-	-	-	10	132	14,124
-	-	-	-	-	-	-	-	7	132	15,972
-	-	-	-	-	-	-	-	3	132	3,432
-	-	-	-	-	-	-	-	2	132	4,224
-	-	-	-	-	-	-	-	1	132	1,584
-	-	-	-	-	-	-	-	2	132	3,504
-	-	-	-	-	-	-	-	30	1,056	54,648

<sup>2</sup> Special war-training class. School continued through the year class started last year.

TABLE No. 6. — *Vital statistics by types of schools and departments — Continued.**Group III. Evening industrial schools (men) — Continued.*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN- ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Cambridge: —	1	1						
Auto repair, . . . . .			51 (94) <sup>1</sup>	5	18	28	71	—
Drawing for architects, . . . .			13 (72) <sup>1</sup>	1	6	6	83	1
Drawing for machinists, . . . .			26 (38) <sup>1</sup>	—	10	16	75	—
Electrical, . . . . .			61 (77) <sup>1</sup>	2	34	45	67	7
Forge shop, . . . . .			17 (88) <sup>1</sup>	2	8	11	73	—
Machine shop, . . . . .			53 (42) <sup>1</sup>	5	20	30	70	1
Printing, . . . . .			6 (83) <sup>1</sup>	—	4	5	60	—
Woodworking, . . . . .			25 (84) <sup>1</sup>	—	10	13	77	2
Total for school, . . . .	1	1	252	15	110	154	72	10
Chicopee: —	1	1						
Auto construction, . . . . .			16	—	8	16	44	—
Machine drawing, . . . . .			27	—	12	27	48	—
Machine shop practice, . . . . .			76	—	39	38	47	—
Radio, <sup>2</sup> . . . . .			18 (44) <sup>1</sup>	—	9	10.1	78.2	1
Total for school, . . . .	1	1	137	—	68	91.1	54.3	1
Everett: —	1	1						
Auto repair, . . . . .			36 (76) <sup>1</sup>	—	16	22.4	79	—
Cabinet work, . . . . .			26	1	15	18.9	90.7	—
Electricity, . . . . .			22 (12) <sup>1</sup>	—	6	13.1	77.5	—
Machine shop, . . . . .			28 (71) <sup>1</sup>	—	8	12.4	83.4	—
Radio, <sup>2</sup> . . . . .			14 (79) <sup>1</sup>	—	3	6.58	79	—
Total for school, . . . .	1	1	126	1	48	73.38	81.9	—
Fall River: —	1	1						
Interior decorating, . . . . .			3	—	1	3	66	—
Plumbing, . . . . .			15	—	9	11.2	73.2	—
Printing, . . . . .			12	—	7	10.6	88	—
Roof framing, . . . . .			20	—	5	7	84.2	—
Shop carpentry and wood- working, . . . . .			9	—	6	7	86	—
Total for school, . . . .	1	1	59	—	28	38.8	79.5	—
Framingham: —	1	1						
Radio, <sup>3</sup> . . . . .			25	1	12	12.4	63.7	1
Total for school, . . . .	1	1	25	1	12	12.4	63.7	1
Holyoke: —	1	1						
Auto repair, . . . . .			65 (74) <sup>1</sup>	4	23	39.9	80.2	—
Carpentry, . . . . .			16 (50) <sup>1</sup>	1	6	8	81.3	—
Electricity, . . . . .			26 (46) <sup>1</sup>	3	6	9	77	—
Firing, . . . . .			12 (8) <sup>1</sup>	—	6	5.1	82.2	—

<sup>1</sup> Figures in parentheses represent non-trade extension percentage of enrollment.<sup>2</sup> Special war-training class. School continued through the year class started last year.



TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group III. Evening industrial schools (men) — Continued.*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTER- ING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for,	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
1	1	1	1	1	1	1	1	1	104	2,912
1	1	1	1	1	1	1	1	1	104	624
1	1	1	1	1	1	1	1	1	104	1,664
1	1	1	1	1	1	1	1	3	104	4,680
1	1	1	1	1	1	1	1	1	104	1,144
1	1	1	1	1	1	1	1	2	104	3,120
1	1	1	1	1	1	1	1	1	104	520
1	1	1	1	1	1	1	1	1	104	1,352
1	1	1	1	1	1	1	1	11	832	16,016
1	1	1	1	1	1	1	1	1	96	1,536
1	1	1	1	1	1	1	1	1	96	2,592
1	1	1	1	1	1	1	1	2	192	7,296
1	1	1	1	1	1	1	1	1	160	1,616
1	1	1	1	1	1	1	1	5	544	13,040
1	1	1	1	1	1	1	1	2	120	2,601.6
1	1	1	1	1	1	1	1	1	120	2,269.2
1	1	1	1	1	1	1	1	1	120	1,572
1	1	1	1	1	1	1	1	2	120	1,497.6
1	1	1	1	1	1	1	1	2	96	631.7
1	1	1	1	1	1	1	1	8	576	8,662.1
1	1	1	1	1	1	1	1	1	36	108
1	1	1	1	1	1	1	1	1	84	941
1	1	1	1	1	1	1	1	1	84	890.4
1	1	1	1	1	1	1	1	1	84	588
1	1	1	1	1	1	1	1	1	44	308
1	1	1	1	1	1	1	1	5	332	2,835.4
1	1	1	1	1	1	1	1	2	72	892.8
1	1	1	1	1	1	1	1	2	72	892.8
1	1	1	1	1	1	1	1	2	84	3,351.6
1	1	1	1	1	1	1	1	1	84	672
1	1	1	1	1	1	1	1	1	84	756
1	1	1	1	1	1	1	1	1	58	295.8

\* This school finished war emergency class started last year.

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group III. Evening industrial schools (men) — Continued.*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF ENROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Holyoke— <i>Con.</i>								
Loom fixing, . . . . .			13	1	6	8.4	77.4	-
Machine drafting, . . . . .			18 (28) <sup>1</sup>	-	4	7.4	84	-
Machine mathematics, . . . . .			16 (6) <sup>1</sup>	-	9	10.3	84	-
Machine shop practice, . . . . .			57 (28) <sup>1</sup>	5	29	34.4	84	-
Pattern making, . . . . .			9	1	5	5.2	79	-
Printing, . . . . .			16 (19) <sup>1</sup>	-	9	10	79	-
Radio, <sup>2</sup> . . . . .			12 (100) <sup>1</sup>	-	3	6	72	-
Steam engineering, . . . . .			18	1	10	10.6	79.2	-
Welding, . . . . .			16 (75) <sup>1</sup>	-	11	9.9	74	-
Total for school, . . . . .	1	1	294	16	130	164.2	79.5	-
Lawrence:—	1	2						
Automobile, . . . . .			105 (51) <sup>1</sup>	7	34	15.6	80.1	-
Carpentry, . . . . .			39 (64) <sup>1</sup>	-	7	5.6	89	-
Designing, . . . . .			6	-	5	5	82	-
Electricity, . . . . .			55 (42) <sup>1</sup>	3	22	12	78	-
Engineering, . . . . .			28	3	26	13.4	80	-
Firing, . . . . .			41	5	18	14	76.4	-
Firing (morning), . . . . .			21	5	19	15.9	92	-
Loom fixing, . . . . .			50	-	13	8.2	83	-
Machine drawing, . . . . .			22 (46) <sup>1</sup>	-	6	8.7	84	-
Machine shop, . . . . .			63	-	21	10.8	73.2	-
Wireless, <sup>2</sup> . . . . .			53	-	30	36.8	96.4	-
Worsted spinning, . . . . .			8	-	7	6.7	89.5	-
Worsted drawing, . . . . .			8	3	8	6.5	84.6	-
Total for school, . . . . .	1	2	504	26	216	159.2	83.7	-
Leominster:—	1	1						
Radio, <sup>2</sup> . . . . .			68	5	11	24.66	71	-
Total for school, . . . . .	1	1	68	5	11	24.66	71	-
Lowell:—	1	2						
Auto, . . . . .			55 (69) <sup>1</sup>	8	19	14.83	76	-
Carpentry, . . . . .			-	-	-	-	-	-
Electrical, . . . . .			23 (35) <sup>1</sup>	-	8	12.96	73.14	-
Machine shop, . . . . .			133 (16) <sup>1</sup>	-	58	22.5	83	-
Radio, <sup>2</sup> . . . . .			63	-	22	32.51	64	-
Total for school, . . . . .	1	2	279	8	107	82.8	74	-
New Bedford:—	1	1						
Carpentry, . . . . .			28 (36) <sup>1</sup>	-	13	16.2	79.6	-
Electrical, . . . . .			42 (43) <sup>1</sup>	1	17	24.7	79.4	-
Gas engine, . . . . .			9 (45) <sup>1</sup>	2	6	6.5	97	-
Machine shop, . . . . .			64	1	21	34	74.4	-

<sup>1</sup> Figures in parentheses represent non-trade extension percentage of enrollment.

TABLE No. 6. — *Vital statistics by types of schools and departments —*  
Continued.*Group III. Evening industrial schools (men) — Continued.*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTER- ING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
-	-	-	-	-	-	-	-	1	102	856.8
-	-	-	-	-	-	-	-	1	84	621.6
-	-	-	-	-	-	-	-	1	84	865.2
-	-	-	-	-	-	-	-	5	84	2,889.6
-	-	-	-	-	-	-	-	1	84	436.8
-	-	-	-	-	-	-	-	2	84	840
-	-	-	-	-	-	-	-	1	44	264
-	-	-	-	-	-	-	-	1	84	890.4
-	-	-	-	-	-	-	-	1	68	673.2
-	-	-	-	-	-	-	-	19	1,028	13,413.0
-	-	-	-	-	-	-	-	2	112	1,747.2
-	-	-	-	-	-	-	-	1	112	627.2
-	-	-	-	-	-	-	-	1	112	560
-	-	-	-	-	-	-	-	2	112	1,344
-	-	-	-	-	-	-	-	2	112	1,500.8
-	-	-	-	-	-	-	-	1	112	1,568
-	-	-	-	-	-	-	-	1	112	1,780.8
-	-	-	-	-	-	-	-	4	112	918.4
-	-	-	-	-	-	-	-	1	112	974.4
-	-	-	-	-	-	-	-	2	112	1,209.6
-	-	-	-	-	-	-	-	1	96	3,532.8
-	-	-	-	-	-	-	-	1	112	750.4
-	-	-	-	-	-	-	-	1	112	728
-	-	-	-	-	-	-	-	20	1,440	17,241.6
-	-	-	-	-	-	-	-	2	126	3,108
-	-	-	-	-	-	-	-	2	126	3,108
-	-	-	-	-	-	-	-	2	68	1,008.4
-	-	-	-	-	-	-	-	2	54	700
-	-	-	-	-	-	-	-	7	76	1,710
-	-	-	-	-	-	-	-	2	78	2,536
-	-	-	-	-	-	-	-	13	276	5,954.4
-	-	-	-	-	-	-	-	2	80	1,296
-	-	-	-	-	-	-	-	2	80	1,976
-	-	-	-	-	-	-	-	1	80	520
-	-	-	-	-	-	-	-	3	80	2,720

2 This school finished war emergency class started last year.

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group III. Evening industrial schools (men) — Continued.*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN-ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
New Bedford — <i>Con.</i>								
Motor car repair, . . .			67 (52) <sup>1</sup>	3	8	27.6	74	—
Power, steam, . . .			75	1	40	46.9	71	—
Radio, . . .			48(100) <sup>1</sup>	1	16	22.8	74.5	—
Radio, <sup>2</sup> . . .			30	—	—	25.9	59.8	—
Sheet metal drafting, . . .			28	—	16	22.2	77.9	—
Shop drawing, . . .			16	—	10	10.8	75	—
Total for school, . . .	1	1	407	9	147	237.6	76.2	—
Newton: —	1	1						
Automobile, . . .			49 (91) <sup>1</sup>	5	4	15	72	2
Acetylene welding, . . .			12 (67) <sup>1</sup>	2	7	6.8	80.9	—
Electricity, . . .			16 (63) <sup>1</sup>	1	2	7.4	52.7	—
Machine, . . .			53 (25) <sup>1</sup>	9	10	18.8	67	4
Machine drafting, . . .			22 (14) <sup>1</sup>	4	7	14.9	63.8	1
Total for school, . . .	1	1	152	21	30	62.9	67.2	7
North Attleborough: —	1	1						
Bench work, . . .			7	—	—	—	—	—
Design, . . .			8	—	8	8	67.61	—
Radio buzzer, <sup>2</sup> . . .			8	—	5	6.21	49.5	—
Total for school, . . .	1	1	23	—	13	14.21	58.65	—
Quincy: —	1	1						
Coppersmith, . . .			81 (7) <sup>1</sup>	16	44	40	73	—
Machine shop, . . .			29 (17) <sup>1</sup>	1	18	17	82	—
Mechanical drawing, . . .			83 (31) <sup>1</sup>	5	29	39	69	—
Mold loft work, . . .			101 (9) <sup>1</sup>	35	24	40	73	—
Plumbing, . . .			21 (10) <sup>1</sup>	4	—	13	69	—
Sheet metal work, . . .			36	10	33	33	75	—
Shop mathematics, . . .			65	12	23	26	35	—
Total for school, . . .	1	1	416	83	171	208	63	—
Somerville: —	1	1						
Automobile, . . .			28 (54) <sup>1</sup>	—	12	21.5	65	—
Machine, . . .			35 (26) <sup>1</sup>	1	12	26.6	56	—
Total for school, . . .	1	1	63	1	24	48.1	60.5	—
Southbridge: —	1	1						
Electricity, . . .			10	—	6	8	75	—
Machine drafting, . . .			26	—	13	20	65	—
Shop mathematics, . . .			17	—	10	13.5	54	—
Total for school, . . .	1	1	53	—	29	41.5	64.6	—

<sup>1</sup> Figures in parentheses represent non-trade extension percentage of enrollment.

TABLE No. 6. — *Vital statistics by types of schools and departments — Continued.**Group III. Evening industrial schools (men) — Continued.*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTER- ING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
-	-	-	-	-	-	-	-	3	160	4,416
-	-	-	-	-	-	-	-	3	80	3,752
-	-	-	-	-	-	-	-	1	80	1,824
-	-	-	-	-	-	-	-	2	24	621.6
-	-	-	-	-	-	-	-	1	40	888
-	-	-	-	-	-	-	-	1	80	864
-	-	-	-	-	-	-	-	19	784	18,877.6
-	-	-	-	-	-	-	-	2	100	1,500
-	-	-	-	-	-	-	-	1	34	231.2
-	-	-	-	-	-	-	-	1	26	1,924
-	-	-	-	-	-	-	-	2	100	1,880
-	-	-	-	-	-	-	-	1	88	1,311.2
-	-	-	-	-	-	-	-	7	348	6,846.4
-	-	-	-	-	-	-	-	1	12	-
-	-	-	-	-	-	-	-	1	80	640
-	-	-	-	-	-	-	-	2	80	497
-	-	-	-	-	-	-	-	4	172	1,137
-	-	-	-	-	-	-	-	2	80	3,200
-	-	-	-	-	-	-	-	1	80	1,360
-	-	-	-	-	-	-	-	1	80	3,120
-	-	-	-	-	-	-	-	2	80	3,200
-	-	-	-	-	-	-	-	1	24	312
-	-	-	-	-	-	-	-	1	32	1,056
-	-	-	-	-	-	-	-	1	80	2,080
-	-	-	-	-	-	-	-	9	456	14,328
-	-	-	-	-	-	-	-	1	120	2,580
-	-	-	-	-	-	-	-	1	120	3,192
-	-	-	-	-	-	-	-	2	240	5,772
-	-	-	-	-	-	-	-	1	80	640
-	-	-	-	-	-	-	-	1	80	1,600
-	-	-	-	-	-	-	-	1	80	1,080
-	-	-	-	-	-	-	-	3	240	3,320

<sup>2</sup> Special war-training class. School continued through the year class started last year.

TABLE No. 6. — *Vital statistics by types of schools and departments — Continued.**Group III. Evening industrial schools (men) — Concluded.*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN-ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Springfield: —	1	1						
Cabinet making, . . . .			16 (50) <sup>1</sup>	—	8	8.6	64	—
Machine shop, . . . .			111 (50) <sup>1</sup>	11	20	72.4	66	—
Printing, . . . .			11 (9) <sup>1</sup>	2	6	8.3	67.6	—
Telegraphy, . . . .			56(100) <sup>1</sup>	1	21	36.4	74.8	—
Total for school, . . . .	1	1	194	14	55	125.7	68.1	—
Taunton: —	1	1						
Shop drafting, . . . .			9	—	8	7.7	72.7	—
Total for school, . . . .	1	1	9	—	8	7.7	72.7	—
Waltham: —	1	1						
Machine drawing, . . . .			16 (43) <sup>1</sup>	1	10	13	92	—
Machine shop I, . . . .			16 (13) <sup>1</sup>	—	8	12	58	—
Machine shop II, . . . .			15	—	11	13	88	—
Total for school, . . . .	1	1	47	1	29	38	79.3	—
Westfield: —	1	1						
Blue-print reading, . . . .			26 (27) <sup>1</sup>	—	6	10.8	88.9	—
Machine shop I, . . . .			19 (5) <sup>1</sup>	—	8	10.5	85.7	—
Machine shop II, . . . .			28 (25) <sup>1</sup>	—	6	9.3	84.9	—
Total for school, . . . .	1	1	73	—	20	30.6	86.5	—
Worcester: —	1	1						
Cabinet making, . . . .			40 (28) <sup>1</sup>	2	16	20	65	15
Drafting, . . . .			152 (22) <sup>1</sup>	5	51	68	72	47
Electrical, . . . .			90 (30) <sup>1</sup>	4	22	29	62	19
Estimating, . . . .			13 (23) <sup>1</sup>	1	6	6	83	6
Gas engine, . . . .			114 (88) <sup>1</sup>	8	60	66	74	52
House framing, . . . .			28 (25) <sup>1</sup>	2	8	9	67	8
Machine work, . . . .			166 (18) <sup>1</sup>	4	89	8	76	38
Morse telegraphy, . . . .			14 (21) <sup>1</sup>	1	5	7	71	6
Pattern making, . . . .			23 (32) <sup>1</sup>	—	8	10	60	8
Power plant operating, . . . .			42 (24) <sup>1</sup>	3	11	13	61	11
Printing, . . . .			29 (3) <sup>1</sup>	—	8	10	50	5
Radio, <sup>2</sup> . . . .			85	2	26	34	87.2	—
Shop mathematics, . . . .			17	1	5	5	60	4
Tool making, . . . .			43 (16) <sup>1</sup>	1	20	17	70	9
Total for school, . . . .	1	1	856	34	335	302	68.4	228
Total for type of school, . . . .	21	26	5,093	279	1,932	2,438.85	72.1	246

<sup>1</sup> Figures in parentheses represent non-trade extension percentage of enrollment.

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group III. Evening industrial schools (men) — Concluded.*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTERING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
1	1	1	1	1	1	1	1	1	38	327
1	1	1	1	1	1	1	1	6	192	13,900.8
1	1	1	1	1	1	1	1	1	34	282.2
1	1	1	1	1	1	1	1	3	168	6,115.2
1	1	1	1	1	1	1	1	11	432	20,625.2
1	1	1	1	1	1	1	1	1	80	616
1	1	1	1	1	1	1	1	1	80	616
1	1	1	1	1	1	1	1	1	40	520
1	1	1	1	1	1	1	1	1	30	360
1	1	1	1	1	1	1	1	1	40	520
1	1	1	1	1	1	1	1	3	110	1,400
1	1	1	1	1	1	1	1	1	52	561.6
1	1	1	1	1	1	1	1	1	68	714
1	1	1	1	1	1	1	1	1	68	632.4
1	1	1	1	1	1	1	1	3	188	1,908.0
1	1	1	1	1	1	1	1	2	208	4,160
1	1	1	1	1	1	1	1	2	92	6,256
1	1	1	1	1	1	1	1	3	104	3,016
1	1	1	1	1	1	1	1	1	92	552
1	1	1	1	1	1	1	1	2	104	6,240
1	1	1	1	1	1	1	1	1	208	1,872
1	1	1	1	1	1	1	1	6	104	832
1	1	1	1	1	1	1	1	1	120	840
1	1	1	1	1	1	1	1	1	208	2,080
1	1	1	1	1	1	1	1	2	104	1,352
1	1	1	1	1	1	1	1	2	208	2,080
1	1	1	1	1	1	1	1	1	40	1,360
1	1	1	1	1	1	1	1	1	92	460
1	1	1	1	1	1	1	1	1	104	1,768
1	1	1	1	1	1	1	1	26	1,788	32,868
1	1	1	1	1	1	1	1	216	11,624	250,245.5

<sup>2</sup> Special war-training class. School continued through the year; class started last year.

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group IV. Evening industrial schools (women).*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN- ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Boston: —	1	1						
Catering, . . . . .			21	—	5	10	80	4
Design, . . . . .			21	2	5	6	83	1
Dressmaking, . . . . .			87	24	33	44	84	41
Home nursing, . . . . .			18	7	12	10	90	15
Millinery, . . . . .			20	10	14	13	92	15
Machine repairs, . . . . .			6	1	4	4	75	4
Operating, . . . . .			95	22	26	31	71	32
Total for school, . . . .	1	1	268	66	99	118	82.1	112
Worcester: —	1	1						
Power machine operating, . .			19	—	6	16.43	76.08	—
Telegraphy I, . . . . .			28	—	9	14.58	84.7	—
Telegraphy II, . . . . .			20	—	5	8.60	81.62	—
Total for school, . . . .	1	1	67	—	20	39.61	80.8	—
Total for type of school, . .	2	2	335	66	119	157.61	81.4	112

*Group V. Day homemaking schools.*

Essex County, . . . . .	1	1	30	—	18	24	92	6
Lowell, . . . . .	1	1	57	10	27	36.3	90.36	16
New Bedford, . . . . .	1	1	38	3	24	25.9	87.2	11
Newton, . . . . .	1	1	83	10	65	76.6	92	9
Northampton, . . . . .	1	1	30	17	23	25.5	94.9	9
Quincy, . . . . .	1	1	41	2	30	30.8	88.3	9
Somerville, . . . . .	1	1	38	9	25	29.2	86.6	9
Worcester, . . . . .	1	1	123	11	92	64	84.5	8
Total for type of school, . .	8	8	445	62	304	312.3	89.5	77

*Group VI. Evening practical art schools.*

Boston: —	1	12						
Cookery, . . . . .			39	—	27	29	86	—
Dressmaking, . . . . .			196	—	131	141	75	—
Embroidery, . . . . .			71	—	66	61	83	—
Home nursing, . . . . .			139	—	68	98	76	—
Millinery, . . . . .			376	—	255	270	75	—
Total for school, . . . .	1	12	821	—	547	599	79	—



TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group IV. Evening industrial schools (women).*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTER- ING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
-	-	-	-	-	-	-	-	2	100	1,000
-	-	-	-	-	-	-	-	2	112	672
-	-	-	-	-	-	-	-	2	126	5,544
-	-	-	-	-	-	-	-	2	96	960
-	-	-	-	-	-	-	-	1	126	1,638
-	-	-	-	-	-	-	-	1	76	304
-	-	-	-	-	-	-	-	5	126	3,906
-	-	-	-	-	-	-	-	21	762	14,024
-	-	-	-	-	-	-	-	1	64	1,052
-	-	-	-	-	-	-	-	1	192	2,799
-	-	-	-	-	-	-	-	1	96	826
-	-	-	-	-	-	-	-	3	352	4,677
-	-	-	-	-	-	-	-	24	1,114	18,701

*Group V. Day homemaking schools.*

5	1	-	4	1	5	2	-	5	1,072.5	25,740
13	2	1	10	1	1	16	13	6	1,225	44,467.3
4	4	-	-	2	4	-	-	7	1,400	36,260
4	2	3	2	5	8	-	6	12	1,200	91,920
9	-	-	1	-	6	-	1	7	1,225	31,237.5
3	6	-	2	4	5	-	4	7	1,400	43,120
6	3	-	-	1	3	1	-	6	1,300	37,960
4	-	-	8	-	23	-	19	10	1,602.5	45,510
48	18	4	27	14	55	19	43	60	10,425.0	356,214.8

*Group VI. Evening practical art schools.*

-	-	-	-	-	-	-	-	3	176	1,484
-	-	-	-	-	-	-	-	7	176	9,334
-	-	-	-	-	-	-	-	3	176	4,216
-	-	-	-	-	-	-	-	6	176	5,008
-	-	-	-	-	-	-	-	11	176	20,532
-	-	-	-	-	-	-	-	30	880	40,574

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group VI. Evening practical art schools — Continued.*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN- ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Cambridge: —	1	1						
Cookery, . . . . .			28	—	15	12.6	73	—
Dressmaking, . . . . .			32	—	11	12.5	74	—
Home nursing, . . . . .			26	—	10	13.9	75	—
Millinery, . . . . .			45	—	12	16.7	64	—
Total for school, . . . . .	1	1	131	—	48	55.7	71.5	—
Essex County: —	1	8						
Millinery extension classes, . . . . .			131	—	131	131	100	—
Total for school, . . . . .	1	8	131	—	131	131	100	—
Everett: —	1	1						
Cooking, . . . . .			5	—	5	4	95.2	—
Dressmaking, . . . . .			27	—	11	15.46	75.5	—
Total for school, . . . . .	1	1	32	—	16	19.46	85.3	—
Fall River: —	1	8						
Cooking, . . . . .			94	—	89	63	89	—
Home nursing, . . . . .			251	—	227	67	87	—
Millinery, . . . . .			29	—	29	21	86	—
Sewing, . . . . .			299	—	262	191	89	—
Total for school, . . . . .	1	8	673	—	607	342	87.7	—
Gloucester: —	1	1						
Cooking, . . . . .			20	—	17	13.41	72.7	—
Dressmaking, . . . . .			12	—	10	9.25	91.45	—
Millinery, . . . . .			19	—	13	14.09	85.8	1
Total for school, . . . . .	1	1	51	—	40	36.75	83.3	1
Haverhill: —	1	1						
Dressmaking, . . . . .			32	—	16	14.3	87.41	—
Home nursing, . . . . .			28	—	10	9.57	89.86	—
Millinery, . . . . .			28	—	19	13.04	69.7	—
Total for school, . . . . .	1	1	88	—	45	36.91	82.32	—
Holyoke: —	1	1						
Cooking, . . . . .			170	5	35	39	85	—
Dressmaking, . . . . .			88	7	35	46.5	89	—
Embroidery, . . . . .			38	4	18	21.8	86.2	—
Home nursing, . . . . .			108	7	34	49.1	84	—
Millinery, . . . . .			62	1	27	25.9	89.2	—
Total for school, . . . . .	1	1	466	24	149	182.3	86.7	—

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group VI. Evening practical art schools — Continued.*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTER- ING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
-	-	-	-	-	-	-	-	1	72	907.2
-	-	-	-	-	-	-	-	2	72	900
-	-	-	-	-	-	-	-	2	72	1,000.8
-	-	-	-	-	-	-	-	2	72	1,202.4
-	-	-	-	-	-	-	-	7	288	4,010.4
-	-	-	-	-	-	-	-	1	20	2,620
-	-	-	-	-	-	-	-	1	20	2,620
-	-	-	-	-	-	-	-	1	22	88
-	-	-	-	-	-	-	-	3	80	1,236.8
-	-	-	-	-	-	-	-	4	102	1,324.8
-	-	-	-	-	-	-	-	6	80	5,040
-	-	-	-	-	-	-	-	12	68	4,556
-	-	-	-	-	-	-	-	2	80	1,680
-	-	-	-	-	-	-	-	24	80	15,280
-	-	-	-	-	-	-	-	44	308	26,556
-	-	-	-	-	-	-	-	1	58	777.8
-	-	-	-	-	-	-	-	1	64	592
-	-	-	-	-	-	-	-	2	62	873.6
-	-	-	-	-	-	-	-	4	184	2,243.4
-	-	-	-	-	-	-	-	1	36	514.8
-	-	-	-	-	-	-	-	1	56	535.9
-	-	-	-	-	-	-	-	1	42	547.7
-	-	-	-	-	-	-	-	3	134	1,598.4
-	-	-	-	-	-	-	-	2	104	1,056
-	-	-	-	-	-	-	-	4	96	4,464
-	-	-	-	-	-	-	-	1	96	2,092.8
-	-	-	-	-	-	-	-	3	96	4,713.6
-	-	-	-	-	-	-	-	2	96	2,486.4
-	-	-	-	-	-	-	-	12	488	14,812.8

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group VI. Evening practical art schools — Continued.*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN-ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Lawrence: —	1	2						
Cooking, . . . . .			177	4	92	98.8	85	—
Dressmaking, . . . . .			272	6	222	144.5	89.4	—
Millinery, . . . . .			342	8	249	195.5	84	—
Total for school, . . . .	1	2	791	18	563	438.8	86.1	—
Leominster: —	1	1						
Cooking, . . . . .			49	—	43	17.72	97.17	—
Dressmaking, . . . . .			21	—	21	14.45	91.69	—
Home nursing, . . . . .			15	—	13	13.93	93.75	13
Total for school, . . . .	1	1	85	—	77	46.10	94.2	13
Lowell: —	1	3						
Cooking, . . . . .			151	2	72	72.22	84.42	—
Dressmaking, . . . . .			172	4	77	84.58	85.4	—
Home nursing, . . . . .			26	—	23	22.42	85.1	—
Millinery, . . . . .			56	—	37	27.94	91.52	—
Total for school, . . . .	1	3	405	6	209	207.16	86.6	—
Mansfield: —	1	1						
Cooking, . . . . .			48	—	43	44.5	87	—
Total for school, . . . .	1	1	48	—	43	44.5	87	—
Methuen: —	1	1						
Dressmaking, . . . . .			16	—	10	11.75	89.27	—
Millinery, . . . . .			19	—	16	18.4	83.64	—
Total for school, . . . .	1	1	35	—	26	30.15	86.45	—
New Bedford: —	1	8						
Cooking, . . . . .			39	—	30	21.49	83.62	—
Home nursing, . . . . .			101	6	93	78	93.41	—
Millinery, . . . . .			143	3	126	110.73	88.40	—
Sewing, . . . . .			287	6	222	230.54	91.65	—
Total for school, . . . .	1	8	570	15	471	440.76	89.27	—
Newton: —	1	2						
Cooking, . . . . .			34	1	10	14.7	60.5	—
Dressmaking, . . . . .			16	5	4	8.5	75.2	—
Elementary sewing, . . . .			26	4	11	16	81.9	9
First aid, . . . . .			9	3	9	9	95.5	—
Millinery A, . . . . .			12	3	12	11.75	86.1	—
Millinery B, . . . . .			13	—	13	12.2	78.6	—
Total for school, . . . .	1	2	110	16	59	72.15	79.6	9

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group VI. Evening practical art schools — Continued.*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTER- ING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
-	-	-	-	-	-	-	-	3	112	11,065.6
-	-	-	-	-	-	-	-	16	112	16,184
-	-	-	-	-	-	-	-	8	112	21,896
-	-	-	-	-	-	-	-	27	336	49,145.6
-	-	-	-	-	-	-	-	1	72	1,275.84
-	-	-	-	-	-	-	-	1	40	578
-	-	-	-	-	-	-	-	1	30	391.8
-	-	-	-	-	-	-	-	3	142	2,245.64
-	-	-	-	-	-	-	-	6	68	4,911
-	-	-	-	-	-	-	-	6	76	6,428
-	-	-	-	-	-	-	-	1	24	538
-	-	-	-	-	-	-	-	2	72	2,012
-	-	-	-	-	-	-	-	15	240	13,889
-	-	-	-	-	-	-	-	1	24	1,068
-	-	-	-	-	-	-	-	1	24	1,068
-	-	-	-	-	-	-	-	1	80	940
-	-	-	-	-	-	-	-	1	80	1,472
-	-	-	-	-	-	-	-	2	160	2,412
-	-	-	-	-	-	-	-	2	80	1,719.2
-	-	-	-	-	-	-	-	5	80	6,240
-	-	-	-	-	-	-	-	6	80	8,858.4
-	-	-	-	-	-	-	-	14	80	18,443.2
-	-	-	-	-	-	-	-	27	320	35,260.8
-	-	-	-	-	-	-	-	1	16	235.2
-	-	-	-	-	-	-	-	1	78	663
-	-	-	-	-	-	-	-	1	100	1,600
-	-	-	-	-	-	-	-	1	20	180
-	-	-	-	-	-	-	-	1	16	188
-	-	-	-	-	-	-	-	1	10	122
-	-	-	-	-	-	-	-	6	240	2,988.2

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group VI. Evening practical art schools — Continued.*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN-ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
North Attleborough: —	1	1						
Cooking, . . . . .			15	—	11	11.33	69.28	—
Dressmaking, . . . . .			13	—	9	7.77	73.61	—
Millinery, . . . . .			16	—	8	13.68	77.55	—
Total for school, . . . .	1	1	44	—	28	32.78	73.44	—
Plymouth: —	1	1						
Dressmaking, . . . . .			29	—	27	12.47	85.6	—
Millinery, . . . . .			52	—	50	37.7	75.3	—
Total for school, . . . .	1	1	81	—	77	50.17	80.4	—
Quincy: —	1	2						
Dressmaking, . . . . .			17	1	8	10	90	—
Home nursing, . . . . .			19	—	17	17	84	—
Millinery, . . . . .			17	—	11	11	90	—
Total for school, . . . .	1	2	53	1	36	38	88	—
Somerville: —	1	2						
Dressmaking, . . . . .			37	—	11	24.01	75.7	—
Millinery, . . . . .			72	—	45	33.22	80.2	—
Total for school, . . . .	1	2	109	—	56	57.23	77.95	—
Stoneham: —	1	1						
Dressmaking, . . . . .			24	—	14	16.7	86.5	—
Total for school, . . . .	1	1	24	—	14	16.7	86.5	—
Taunton: —	1	1						
Home nursing, . . . . .			32	—	28	30	90	—
Millinery, . . . . .			36	—	26	26.4	93.5	—
Sewing, . . . . .			37	—	24	28	96.4	—
Total for school, . . . .	1	1	105	—	78	57.4	93.3	—
Wakefield: —	1	1						
Dressmaking, . . . . .			24	—	9	14.05	79	—
Millinery, . . . . .			12	3	12	12	83	—
Total for school, . . . .	1	1	36	3	21	26.05	81	—
Walpole: —	1	2						
Cooking, . . . . .			17	—	9	59	86	—
Home nursing, . . . . .			31	—	31	20.6	93	30
Sewing, . . . . .			17	—	8	4.2	83	—
Total for school, . . . .	1	2	65	—	48	83.8	87.3	30

TABLE No. 6. — *Vital statistics by types of schools and departments — Continued.**Group VI. Evening practical art schools — Continued.*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTER- ING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
-	-	-	-	-	-	-	-	1	48	544
-	-	-	-	-	-	-	-	1	64	497
-	-	-	-	-	-	-	-	1	64	875
-	-	-	-	-	-	-	-	3	176	1,916
-	-	-	-	-	-	-	-	2	76	948.4
-	-	-	-	-	-	-	-	1	76	2,865.2
-	-	-	-	-	-	-	-	3	152	3,813.6
-	-	-	-	-	-	-	-	2	96	960
-	-	-	-	-	-	-	-	1	40	680
-	-	-	-	-	-	-	-	2	96	1,056
-	-	-	-	-	-	-	-	5	232	2,696
-	-	-	-	-	-	-	-	2	40	960.4
-	-	-	-	-	-	-	-	3	72	2,391.84
-	-	-	-	-	-	-	-	5	112	3,352.24
-	-	-	-	-	-	-	-	1	40	668
-	-	-	-	-	-	-	-	1	40	668
-	-	-	-	-	-	-	-	1	44	1,320
-	-	-	-	-	-	-	-	1	80	2,112
-	-	-	-	-	-	-	-	1	80	2,240
-	-	-	-	-	-	-	-	3	204	5,672
-	-	-	-	-	-	-	-	1	80	1,124
-	-	-	-	-	-	-	-	1	80	960
-	-	-	-	-	-	-	-	2	160	2,084
-	-	-	-	-	-	-	-	1	80	4,720
-	-	-	-	-	-	-	-	2	30	618
-	-	-	-	-	-	-	-	1	80	336
-	-	-	-	-	-	-	-	4	190	5,674

TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group VI. Evening practical art schools — Concluded.*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN- ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Weymouth: —	1	1						
Cooking, . . . . .			9	—	7	6.79	85	—
Dressmaking, . . . . .			9	—	5	6.54	95	—
Total for school, . . . .	1	1	18	—	12	13.33	90	—
Worcester Independent Board of Trustees: —	1	1						
Dressmaking, . . . . .			266	2	176	149.74	88.18	—
Millinery, . . . . .			166	1	100	102.46	87.95	—
Total for school, . . . .	1	1	432	3	276	252.2	88.06	—
Worcester School Committee: —	1	2						
Cooking, . . . . .			63	—	59	60.21	90.73	—
Total for school, . . . .	1	2	63	—	59	60.21	90.73	—
Total for type of school, .	26	66	5,467	86	3,756	3,370.61	85.4	53

*Group VII. Compulsory continuation schools.*

Boston: —	1	11						
Boys:								
General improvement, . . .			1,087	—	611	—	—	—
Prevocational, . . . . .			4,179	—	2,332	—	—	—
Trade extension, . . . . .			179	—	113	—	—	—
Total boys, . . . . .			5,445	—	3,056	3,326	94.6	—
Girls:								
General improvement, . . .			578	—	325	—	—	—
Prevocational, . . . . .			3,028	—	1,755	—	—	—
Trade extension, . . . . .			600	—	330	—	—	—
Total girls, . . . . .			4,206	—	2,410	2,721	98.5	—
Southbridge: —	1	1						
Co-operative course, . . . .			36	—	33	32.5	95.3	—
Total for school, . . . .	1	1	36	—	33	32.5	95.3	—
Total for type of school, .	3	13	9,687	—	5,499	6,079.5	96.1	—

<sup>1</sup> Not distributed.



TABLE NO. 6. — *Vital statistics by types of schools and departments — Continued.**Group VI. Evening practical art schools — Concluded.*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTERING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrew voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
-	-	-	-	-	-	-	-	1	80	543.2
-	-	-	-	-	-	-	-	1	80	523.2
-	-	-	-	-	-	-	-	2	160	1,066.4
-	-	-	-	-	-	-	-	14 5	96 80	14,375 8,197
-	-	-	-	-	-	-	-	19	176	22,572
-	-	-	-	-	-	-	-	3	180	10,838
-	-	-	-	-	-	-	-	3	180	10,838
-	-	-	-	-	-	-	-	216	5,344	238,619.2

*Group VII. Compulsory continuation schools.*

-	-	-	-	-	-	-	-	6	-	-
-	-	-	-	-	-	-	-	21	-	-
-	-	-	-	-	-	-	-	27	-	532,160 <sup>1</sup>
-	-	-	-	-	-	-	-	4	-	-
-	-	-	-	-	-	-	-	29	-	-
-	-	-	-	-	-	-	-	5	-	-
-	-	-	-	-	-	-	-	38	-	435,360 <sup>1</sup>
-	-	-	1	2	-	-	2	2	-	- <sup>2</sup>
-	-	-	1	2	-	-	2	2	-	- <sup>2</sup>
-	-	-	1	2	-	-	2	67	-	967,520

<sup>1</sup> No data given.

TABLE NO. 6. — *Vital statistics by types of schools and departments.*—  
Concluded.*Group VIII. Agricultural schools.*

COUNTIES, CITIES, TOWNS, AND DEPARTMENTS, 1918-19.	Number of schools.	Number of centers.	Total enrollment.	Number of non-residents.	DISTRIBUTION OF EN- ROLLMENT BY MEMBERSHIP AND ATTENDANCE.			
					Membership at close of year.	Average membership.	Per cent of attendance.	Number of graduates.
1	2	3	4	5	6	7	8	9
Bristol County, . . . . .	1	1	57	10	47	44.2	94.3	6
Concord, . . . . .	1	1	12	10	7	9	89.4	2
Essex County, . . . . .	1	1	85	-	69	77	92.2	12
Newton, . . . . .	1	1	15	1	5	10	98	-
Norfolk County, . . . . .	1	1	26	5	16	19	80.5	-
Weymouth Branch, . . . . .	1	1	12	-	10	11	88.2	-
Northampton, . . . . .	1	1	28	19	19	21	92.3	8
Total for type of school, . . . . .	7	7	235	45	173	191.2	89.7	28

*Group IX. Agricultural departments.*

Ashfield, . . . . .	1	1	18	3	14	15	93.3	3
Ayer, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Boston, . . . . .	1	1	17	-	11	14	93	-
Brimfield, . . . . .	1	1	14	4	11	12.5	84	4
Canton, <sup>1</sup> . . . . .	1	1	-	-	-	-	-	-
Dedham, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Easton, . . . . .	1	1	11	-	7	9.25	94.48	-
Fall River, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Falmouth, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Framingham, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Gloucester, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Hadley, . . . . .	1	1	13	-	12	12.3	90	2
Harwich, . . . . .	1	1	8	3	7	7.4	90	1
Haverhill, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Holyoke, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Leominster, . . . . .	1	1	9	-	9	9	91	1
Mansfield, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Marlborough, . . . . .	1	1	10	1	6	3.78	86.7	-
New Salem, . . . . .	1	1	10	2	10	10	90	-
North Attleborough, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Orange, . . . . .	1	1	8	1	8	8	100	1
Plymouth, . . . . .	1	1	12	-	11	11.9	94.9	3
Reading, . . . . .	1	1	23	8	17	19	90	3
Wakefield, <sup>1</sup> . . . . .	-	-	-	-	-	-	-	-
Worcester, . . . . .	1	1	15	3	8	75	98	2
Total for type of school, . . . . .	14	14	168	25	120	207.3	91.3	20
Grand total for all types, . . . . .	95	150	23,761	1,078	13,237	14,350.94	86.6	570

<sup>1</sup> Evening work in agriculture.

TABLE No. 6. — *Vital statistics by types of schools and departments —*  
Concluded.*Group VIII. Agricultural schools.*

GRADUATES.			WITHDRAWALS.		WITHDRAWALS NOT ENTER- ING INDUSTRY TRAINED FOR.		Number of withdrawals not entering industry trained for and who had less than six months' trade instruction.	Total number of different teachers employed.	Total possible hours of school in session per year.	Student hours.
Placed in industry trained for.	Not placed in industry trained for.	Occupations unknown.	Placed in industry trained for.	Sent back to regular school.	Withdrawn voluntarily.	Discharged for cause.				
10	11	12	13	14	15	16	17	18	19	20
6	-	-	4	-	6	-	3	7	1,750	148,040.42
12	-	-	5	3	5	2	4	12	1,200	167,340
2	-	-	4	-	1	-	-	2	1,000	24,113.8
-	-	-	2	3	1	-	4	1	1,450	26,794.25
-	-	-	1	4	1	-	4	4	540	26,829.16
-	-	-	1	-	1	-	1	1	1,050	14,221.6
8	-	-	3	3	1	1	3	5	940	41,225
28	-	-	19	13	16	3	19	32	7,930	448,564.23

*Group IX. Agricultural departments.*

3	-	-	4	-	-	-	-	1	1,050	28,701.25
-	-	-	-	1	5	-	-	1	1,100	38,990
-	4	-	1	-	2	-	-	1	1,000	20,914
-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	2	1	3	1	1,500	16,860
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
1	1	-	-	1	-	-	-	1	1,000	13,769
-	1	-	1	-	-	-	-	1	1,300	12,747
-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	1	1,000	16,917
-	-	-	-	3	1	-	1	2	1,300	5,530.25
-	-	-	-	-	-	-	-	1	1,000	12,192.47
1	-	-	-	-	-	-	-	1	1,000	23,027.5
2	1	-	-	1	-	-	-	1	1,000	21,706.25
3	-	-	-	2	2	2	-	3	1,066.66	34,584
-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	3	-	1	-	1	1,440	119,020
13	7	-	7	11	12	4	4	16	14,756.66	364,958.72
221	32	15	247	112	545	65	368	823	128,568.66	4,976,850.97

TABLE NO. 7. — *Distribution of Smith-Hughes funds.*

NAME OF CITY, TOWN, OR COUNTY IN WHICH SCHOOLS ARE LOCATED TO WHICH PAYMENT IS TO BE MADE.	Salaries of teachers, supervisors, directors, of agricultural subjects.	Salaries of teachers of trade, home economics and industrial subjects.	Total.
Ashfield, . . . . .	\$118 05	—	\$118 05
Attleboro, . . . . .	—	\$26 89	26 89
Beverly, . . . . .	—	546 86	546 86
Boston, . . . . .	—	26,553 96	26,553 96
Brimfield, . . . . .	118 05	—	118 05
Bristol County, . . . . .	411 45	—	411 45
Cambridge, . . . . .	—	880 19	880 19
Chicopee, . . . . .	—	116 54	116 54
Concord, . . . . .	195 26	—	195 26
Easton, . . . . .	126 50	—	126 50
Essex County, . . . . .	1,408 64	476 21	1,884 85
Everett, . . . . .	—	106 70	106 70
Fall River, . . . . .	—	719 13	719 13
Gloucester, . . . . .	—	132 28	132 28
Hadley, . . . . .	118 05	—	118 05
Harwich, . . . . .	118 05	—	118 05
Holyoke, . . . . .	—	1,518 33	1,518 33
Lawrence, . . . . .	—	1,099 36	1,099 36
Leominster, . . . . .	125 52	26 45	151 97
Lowell, . . . . .	—	2,454 56	2,454 56
Marlborough, . . . . .	126 48	—	126 48
Methuen, . . . . .	—	26 45	26 45
New Bedford, . . . . .	—	2,654 87	2,654 87
New Salem, . . . . .	41 83	—	41 83
Newton, . . . . .	139 47	4,934 09	5,073 56
Norfolk County, . . . . .	829 89	—	829 89
Northampton, . . . . .	516 06	1,233 39	1,749 45
North Attleborough, . . . . .	—	44 38	44 38
Orange, . . . . .	83 67	—	83 67
Plymouth, . . . . .	—	13 22	13 22
Quincy, . . . . .	—	1,648 86	1,648 86
Reading, . . . . .	230 13	—	230 13
Somerville, . . . . .	—	1,593 61	1,593 61
Springfield, . . . . .	—	1,174 41	1,174 41

TABLE NO. 7. — *Distribution of Smith-Hughes funds* — Concluded.

NAME OF CITY, TOWN, OR COUNTY IN WHICH SCHOOLS ARE LOCATED TO WHICH PAYMENT IS TO BE MADE.	Salaries of teachers, supervisors, directors of agricultural subjects.	Salaries of teachers of trade, home economics, and industrial subjects.	Total.
Taunton, . . . . .	—	\$49 08	\$49 08
Wakefield, . . . . .	—	52 91	52 91
Walpole, . . . . .	—	26 45	26 45
Waltham, . . . . .	—	44 82	44 82
Westfield, . . . . .	—	502 04	502 04
Weymouth, . . . . .	—	26 45	26 45
Worcester, . . . . .	\$48 81	6,741 89	6,790 70
Massachusetts, . . . . .	244 09	—	244 09
Totals, . . . . .	\$5,000 00	\$55,424 38	\$60,424 38

TABLE No. 8. — Statistics of the teacher-training work carried on from September, 1918, to September, 1919.  
Group I. Trade and industry (men).

LOCATION OF CLASSES.	Teacher-training or professional improvement.	Day or evening.	Number of sessions.	Number enrolled.	Number receiving credit.	Average attendance.	Number of residences represented.	TRADES REPRESENTED.												Number already employed as teachers.	Number employed as teachers since taking course.		
								Auto mechanic.	Cabinet making.	Carpentry.	Drafting.	Electrical.	Machine shop.	Plumbing.	Painting.	Pattern making.	Printing.	Sheet metal.	Shoe.			Textile.	Other trades.
Beverly I,	.	Eve.	10	5	5	5	2	1	-	-	2	-	1	-	-	1	-	-	-	-	-	-	5
Boston I,	.	Eve.	40	24	8	12	8	-	-	1	2	-	-	-	-	-	3	1	-	-	1	-	6
Boston II,	.	Eve.	39	23	15	16	11	-	-	-	-	-	11	-	-	4	-	-	-	-	-	-	8
Boston III,	.	Eve.	40	27	19	18	13	3	-	-	-	4	4	1	-	3	-	4	-	-	-	-	12
Boston IV,	.	Eve.	42	18	13	13	10	-	-	-	-	-	-	-	1	10	-	-	-	2	-	-	4
Boston V,	.	Eve.	40	26	21	20	15	1	1	1	3	3	4	-	1	3	2	-	-	2	2	2	13
Lowell I,	.	Eve.	40	11	10	9	2	-	-	-	-	1	3	-	-	2	1	1	-	-	2	2	1
Lynn I,	.	Eve.	20	14	12	12	2	-	-	-	-	-	-	-	-	-	-	-	12	-	-	4	
New Bedford I,	.	Eve.	11	8	4	6	1	-	-	1	-	1	2	-	-	-	-	-	-	-	-	-	-
Springfield I,	.	Eve.	40	20	15	16	4	-	1	2	3	-	6	-	-	2	1	-	-	-	-	2	11
Worcester I,	.	Eve.	45	9	6	7	1	-	-	-	-	1	3	-	-	-	2	-	-	-	-	-	3
Beverly II,	.	Eve.	10	8	8	7	2	-	-	-	3	-	1	-	-	-	-	-	-	4	8	-	-
Lawrence I,	.	Eve.	15	21	9	11	1	2	1	-	1	1	1	-	-	-	-	-	-	3	-	9	-
Lowell II,	.	Eve.	10	11	11	10	1	2	-	1	-	1	7	-	-	-	-	-	-	-	-	11	-
New Bedford II,	.	Eve.	11	13	13	12	2	-	-	3	-	2	3	-	1	-	-	-	-	4	-	13	-

Somerville I, . . . . .	P. I. <sup>2</sup>	Eve.	11	6	6	1	1	-	1	-	-	-	-	-	2	6	-
Springfield II, . . . . .	P. I. <sup>2</sup>	Eve.	15	8	7	5	4	-	2	1	-	-	-	-	-	7	-
Worcester II, . . . . .	P. I. <sup>1</sup>	Eve.	19	14	13	10	1	-	1	3	1	2	-	1	-	4	13
Worcester III, . . . . .	P. I. <sup>2</sup>	Day	13	18	18	17	1	-	2	1	-	2	5	-	1	5	18

*Teacher-training classes in industrial plants.*

Summer Session (at Boston Trade School), . . . . .	P. I.	-	10	54	-	-	-	-	-	-	-	-	-	-	-	-	54	-
Methods of teaching, . . . . .	-	-	-	26	24	24	11	1	2	4	-	2	7	-	-	-	2	24
Administration and supervision, . . . . .	-	-	-	24	22	21	9	-	-	2	-	2	5	-	-	-	2	22
Related work, . . . . .	-	-	-	31	31	30	12	-	2	3	-	4	8	-	-	-	5	31
Trade analysis, . . . . .	-	-	-	9	7	7	5	1	-	1	1	-	3	-	-	-	-	7
Drawing, . . . . .	-	-	-	19	18	18	8	-	1	2	-	4	2	-	-	-	2	18
English, . . . . .	-	-	-	13	12	12	8	-	1	2	-	-	5	-	-	-	-	12
Mathematics, . . . . .	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-	-	2	2
Clinton, . . . . .	-	Eve.	10	14	14	-	1	-	-	-	-	-	-	-	-	-	-	-
Framingham I, . . . . .	-	Eve.	11	29	11	17	1	-	-	-	-	-	-	-	-	-	-	-
Framingham II, . . . . .	-	Eve.	9	21	10	10	1	-	-	-	-	-	-	-	-	-	-	-
Framingham III, . . . . .	-	Eve.	10	30	22	18	1	-	-	-	-	-	-	-	-	-	-	-
Worcester, . . . . .	-	Eve.	10	11	11	-	1	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Instruction was given in methods of teaching and trade analysis.

<sup>2</sup> Instruction was given in drawing.

TABLE No. 8. — *Statistics of the teacher-training work carried on from September, 1918, to September, 1919 — Continued.*  
*Group II. Day and evening, homemaking, and industrial (women).*

LOCATION OF CLASSES.	Teacher-training or professional improvement.	Number of sessions.	Number enrolled in class.	Number receiving credit.	Average attendance.	Number of residences represented.	Cookery.	Dressmaking.	Millinery.	Home nursing.	Embroidery.	Machine operating.	Related subjects.	Non-vocational subjects.
Boston Day Household Arts, I,	T. T.	50	15	11	11	8	6	3	1	-	-	-	1	1
Lowell Day Household Arts, I,	T. T.	50	7	-1	7	1	1	2	1	-	-	-	1	1
New Bedford Day Household Arts, I,	T. T.	50	9	-1	9	1	3	3	-	-	-	-	2	1
Hyannis Day Household Arts, I-II,	T. T.	50	13	13	13	8	7	3	1	-	-	-	2	-
Essex County Day Household Arts, I,	P. I.	10	5	5	5	1	2	2	-	-	-	-	1	-
Newton Day Household Arts, I,	P. I.	8	8	8	8	1	1	3	-	-	-	-	1	3
Boston Day Household Arts, I,	P. I.	10	12	7	6	3	2	2	1	1	-	-	-	1
Holyoke Evening Practical Arts, I,	T. T.	20	11	-1	9	1	4	3	2	2	1	-	-	-
Boston Evening Practical Arts, I,	T. T.	40	11	4	7	4	1	8	1	-	-	1	-	-
Boston Evening Practical Arts, II,	T. T.	40	14	10	10	3	2	8	4	-	-	-	-	-
Lowell Evening Practical Arts, I,	T. T.	20	11	-1	10	1	2	8	1	-	-	-	-	-
Lowell Evening Practical Arts, II,	T. T.	20	17	-1	16	1	7	9	1	-	-	-	-	-
Lawrence Evening Practical Arts, I,	T. T.	20	10	-1	29	1	6	14	9	-	-	1	-	-





TABLE NO. 8.—*Statistics of the teacher-training work carried on from September, 1918, to September 1919—Concluded.**Group III. Charts showing statistics, etc., continuation (men and women).*

LOCATION OF CLASSES.	Teacher-training or professional improvement.	Number of sessions.	Number enrolled in class.	Number receiving credit.	Average attendance.	Number of residences represented.	Men.	Women.
Boston Continuation, I, .	T. T.	15	60	39	39	15	2	37
Boston Continuation, I, .	P. I.	10	19	19	-	1	19	-
Boston Continuation, II, .	P. I.	20	36	36	34	10	-	36
Total, . . . .	-	45	115	94	73	26	21	73

## UNIVERSITY EXTENSION.

- I. Summary of Total Enrollment in Correspondence Courses and in Classes.
- II. Table showing Number of Students who have received Instruction by Correspondence in Different Subjects during the Last Fiscal Year, Dec. 1, 1918, to Nov. 30, 1919.
- III. Table showing Enrollment by Subjects in Classes, and Location thereof.
- IV. Table showing Number of Students who completed Courses previous to Nov. 30, 1919.
- V. Table showing Number of Re-enrollments in Courses.
- VI. Table showing Average Age of Students.
- VII. Table showing Number of Students enrolled in North Adams Normal School Correspondence Courses.
- VIII. Table showing Enrollment in Courses offered by the Committee on University Extension in the Connecticut Valley in Co-operation with the Division of University Extension.

I. *Summary of total enrollment of students throughout the Commonwealth according to type of instruction, — correspondence and class.*

[Period covered, Jan. 19, 1916, when first student was enrolled, to Nov. 30, 1919.]

	Men.	Women.	Totals.
Total correspondence enrollment, . . .	6,930	2,303	9,233
Total class enrollment, . . . . .	8,556	10,668	19,224
Total enrollment, . . . . .	15,486	12,971	28,457

II. *Number of students who have received instruction by correspondence in groups of subjects during the last fiscal year.*

[Dec. 1, 1918, to Nov. 30, 1919.]

Elementary English, . . . . . 691	Advanced English — <i>Con.</i>
Elementary English, . . . . . 357	English composition AA, . . . . . 24
Elementary English, continued, 20	Appreciation of English literature, 1
English for new Americans, . . . . . 56	Commercial correspondence, . . . . . 40
English for business, . . . . . 92	Romance languages, . . . . . 277
Plain English, . . . . . 150	Elementary Spanish, . . . . . 83
English, paragraphing and punctuating, . . . . . 16	Commercial Spanish, . . . . . 53
Advanced English, . . . . . 148	Advanced Spanish, . . . . . 28
English composition A, . . . . . 105	Elementary French, Part I, . . . . . 70
English composition B, . . . . . 18	Elementary French, Part I, continued, . . . . . 12

II. *Number of students who have received instruction by correspondence in groups of subjects during the last fiscal year — Concluded.*

Romance languages — <i>Con.</i>			
Elementary French, Part II, . . . . .	12		
Elementary Italian, . . . . .	19		
Civics, history and economics, . . . . .	90		
Government, . . . . .	4		
Civics, . . . . .	5		
Economics, . . . . .	25		
United States history A, . . . . .	11		
American history and govern- ment, . . . . .	11		
Sociology, . . . . .	9		
Money and banking, . . . . .	12		
Civics for naturalization, . . . . .	13		
Pure mathematics, . . . . .	219		
Elementary algebra, . . . . .	119		
Advanced algebra, . . . . .	21		
Practical calculus, . . . . .	15		
Elementary geometry, . . . . .	21		
Trigonometry, . . . . .	43		
Drawing, . . . . .	511		
Shop sketching, . . . . .	10		
Mechanical drawing, Part I, . . . . .	250		
Mechanical drawing, Part II, . . . . .	60		
Architectural drawing, . . . . .	10		
Practical machine design, . . . . .	3		
Freehand drawing, . . . . .	31		
Show card writing, . . . . .	51		
Plan reading and estimating, . . . . .	55		
Drawing for mechanics, . . . . .	31		
Advanced mechanical drawing, . . . . .	10		
Mechanical subjects, . . . . .	240		
Practical steam engineering, . . . . .	52		
Gas and oil engines, Parts I and II, . . . . .	17		
Gasoline automobiles, . . . . .	82		
Steam boilers, . . . . .	6		
Heat and fuels, . . . . .	2		
Heating and lighting for janitors, . . . . .	15		
Heating and ventilating, . . . . .	23		
Practical mechanics, . . . . .	22		
Steam turbines, . . . . .	9		
Hydraulics, . . . . .	2		
Refrigeration, . . . . .	3		
Statics, elements of mechanics, . . . . .	2		
Engines, steam, . . . . .	5		
Electrical subjects, . . . . .	148		
Practical electricity, . . . . .	103		
Electric railways, . . . . .	2		
Electric transmission, . . . . .	1		
Electric wiring, . . . . .	24		
Dynamo-electric machinery, . . . . .	13		
Theory of alternating current, . . . . .	5		
Construction, . . . . .	95		
Elements of structures, . . . . .	12		
Concrete and its uses, . . . . .	10		
Reinforced concrete construction, . . . . .	7		
Materials of construction, . . . . .	10		
Highway construction and main- tenance, . . . . .	10		
Lumber and its uses, . . . . .	5		
Plumbing, . . . . .	7		
Strength of materials, . . . . .	34		
Civil service, . . . . .	212		
Bookkeeping, . . . . .	353		
Accounting, . . . . .	184		
Principles of accounting, . . . . .	154		
Industrial accounting, . . . . .	30		
Stenography and typewriting, . . . . .	171		
Stenography, . . . . .	70		
Typewriting, . . . . .	101		
Applied mathematics, . . . . .	919		
Elementary applied arithmetic, . . . . .	146		
Practical applied mathematics, . . . . .	635		
Shop arithmetic, . . . . .	73		
Advanced shop mathematics, . . . . .	65		
Homemaking, . . . . .	89		
Foods and nutrition, . . . . .	32		
Dietetics, . . . . .	8		
Home furnishing and decoration, . . . . .	20		
Study of fabrics, . . . . .	12		
Household management, . . . . .	17		
Pedagogy, . . . . .	45		
Educational psychology, Parts I and II, . . . . .	16		
English, methods of teaching, . . . . .	29		
Business practice, . . . . .	398		
Business arithmetic, . . . . .	158		
Advertising, . . . . .	151		
Business law, . . . . .	33		
Industrial organization, . . . . .	25		
Retail salesmanship, . . . . .	8		
Office organization and manage- ment, . . . . .	23		
Unclassified because of later addition, . . . . .	173		
Safety engineering, . . . . .	7		
Military mathematics, . . . . .	1		
Slide rule and its uses, . . . . .	49		
Penmanship, . . . . .	58		
Lowell preparatory, . . . . .	42		
Power plant economics, . . . . .	7		
Civic biology, . . . . .	9		
Grand total, . . . . .	5,003		

III. *Number of enrollments in extension classes from Dec. 1, 1918, to Nov. 30, 1919, subjects taught, and places in which the classes were formed.*

PLACE.	Subject.	NUMBER IN CLASS.		
		Men.	Women.	Totals.
Adams, . . . .	Conversational Spanish, . . . .	11	21	32
	Current history, . . . . .	7	74	81
	Methods of teaching English to immigrants.	5	29	34
Athol, . . . . .	Conversational French (two classes), .	13	93	106
	Gasoline automobiles, . . . .	33	7	40
	Practical applied mathematics, . . .	40	-	40
Boston, . . . . .	Practical applied mathematics (co-operative).	7	-	7
	Commercial correspondence, . . .	5	28	33
	Conversational French (two classes), .	4	75	79
	Conversational Spanish (two classes),	129	220	349
	Current history, . . . . .	-	38	38
	English for business, . . . . .	5	31	36
	Gasoline automobiles (four classes), .	313	173	486
	Methods of teaching English to immigrants (two classes).	7	141	148
	Methods of teaching English to immigrants (co-operative).	8	39	47
	Practical applied mathematics (three classes).	86	-	86
Braintree, . . . .	Conversational French, . . . . .	-	42	42
Bridgewater, . . .	Conversational French (two classes), .	9	44	53
Brockton, . . . .	Appreciation of English literature (three classes).	2	77	79
	Conversational French (two classes), .	2	69	71
	Current history, . . . . .	1	20	21
	Methods of teaching English in secondary schools.	-	29	29
	Practical applied mathematics, . . .	67	-	67
Brookline, . . . .	Current history, . . . . .	-	88	88
	Methods of teaching English to immigrants.	-	15	15
Cambridge, . . . .	Conversational French (two classes), .	-	90	90
	Practical applied mathematics, . . .	52	-	52
Charlestown, . . .	Advanced shop mathematics, . . .	42	-	42
	Practical applied mathematics (four classes).	155	-	155
Chelsea, . . . . .	Civics for naturalization (two classes),	80	-	80
Concord Junction, .	Civics for naturalization (co-operative).	8	-	8
East Boston, . . .	Conversational Italian, . . . . .	-	53	53
Everett, . . . . .	Educational psychology (three classes),	6	93	99
Fitchburg, . . . .	Appreciation of English literature, .	2	32	34

III. *Number of enrollments in extension classes from Dec. 1, 1918, to Nov. 30, 1919, subjects taught, and places in which the classes were formed — Continued.*

PLACE.	Subject.	NUMBER IN CLASS.		
		Men.	Women.	Totals.
Gardner, . . . .	Conversational French, . . . .	—	36	36
Gloucester, . . . .	Practical applied mathematics (navigation).	26	—	26
Great Barrington, . . . .	Appreciation of English literature, . .	—	39	39
Greenfield, . . . .	Advanced shop mathematics, . . . .	20	—	20
	Commercial correspondence, . . . .	18	15	33
	Practical applied mathematics, . . . .	30	—	30
	Retail salesmanship (co-operative), . .	24	—	24
Haverhill, . . . .	Appreciation of English literature, . .	2	46	48
	Current history, . . . . .	—	65	65
	Educational psychology, . . . . .	—	20	20
Holyoke, . . . . .	Conversational French (five classes), .	1	238	239
	Conversational Spanish (two classes), .	24	64	88
Hyannis, . . . . .	Americanization — organization and supervision.	7	45	52
	Methods of teaching English to immigrants.	5	71	76
Ipswich, . . . . .	Educational psychology, . . . . .	2	22	24
Lawrence, . . . . .	Appreciation of English literature, . .	6	50	56
	Civics for naturalization (co-operative) (two classes), .	65	—	65
	Conversational French (six classes), . .	30	369	399
	Current history (two classes), . . . .	18	146	164
Lowell, . . . . .	Methods of teaching English to immigrants.	10	144	154
Ludlow, . . . . .	Civics for naturalization (co-operative) (three classes).	15	3	18
	Methods of teaching English to immigrants.	25	42	67
Lynn, . . . . .	Advanced shop mathematics, . . . . .	30	—	30
	Civics for naturalization (co-operative) (two classes).	26	—	26
	Educational psychology, . . . . .	4	31	35
	English for American citizenship (co-operative).	30	—	30
	Lowell Institute preparatory course, .	17	—	17
	Methods of teaching English in secondary schools.	2	23	25
	Practical applied mathematics, . . . .	65	1	66
	Practical electricity, . . . . .	27	1	28
	Slide rule and its uses, . . . . .	38	7	45
Mansfield, . . . . .	Foods and nutrition (two classes), . .	—	54	54
Marblehead, . . . . .	Household budget, . . . . .	—	18	18
Millville, . . . . .	English for American citizenship (co-operative).	28	—	28

III. *Number of enrollments in extension classes from Dec. 1, 1918, to Nov. 30, 1919, subjects taught, and places in which the classes were formed — Continued.*

PLACE.	Subject.	NUMBER IN CLASS.		
		Men.	Women.	Totals.
Natick, . . . .	Methods of teaching English to immigrants.	—	39	39
New Bedford, . . . .	Appreciation of English literature, .	1	20	21
	Conversational French (two classes), .	—	65	65
	Methods of teaching English in secondary schools.	—	25	25
	Methods of teaching English to immigrants.	16	198	214
Newburyport, . . . .	Conversational Spanish, . . . .	10	12	22
Newton, . . . .	Heating and lighting for janitors (co-operative).	19	—	19
North Adams, . . . .	Civics for naturalization, . . . .	108	—	108
	Conversational Spanish (two classes), .	31	21	52
	Methods of teaching English to immigrants.	—	140	140
Northampton, . . . .	Conversational Spanish (two classes),	34	11	45
	Gasoline automobiles, . . . .	33	16	49
	Mechanical drawing, . . . .	25	—	25
North Attleborough, . . . .	Current history, . . . .	9	53	62
Peabody, . . . .	Civics for naturalization, . . . .	32	—	32
Pittsfield, . . . .	Bookkeeping (co-operative), . . . .	5	4	9
	Civics for naturalization (two classes),	76	—	76
	Conversational Spanish (co-operative),	14	9	23
	English for business, . . . .	—	37	37
	English for business (co-operative), .	9	4	13
	Gasoline for automobiles, . . . .	42	15	57
	Methods of teaching English to immigrants.	5	50	55
	Stenography (co-operative), . . . .	2	11	13
Plymouth, . . . .	Methods of teaching English to immigrants.	5	21	26
Quincy, . . . .	Practical applied mathematics (two classes),	69	—	69
Revere, . . . .	Civics for naturalization (co-operative) (three classes).	37	—	37
	English for American citizenship (co-operative).	9	3	12
Rockland, . . . .	Practical mathematics for electricians,	41	—	41
Roxbury, . . . .	Practical applied mathematics, . . . .	31	—	31
Salem, . . . .	Americanization — racial backgrounds,	—	31	31
	Gasoline automobiles, . . . .	11	14	25
	Methods of teaching English in secondary schools.	1	30	31
	Methods of teaching English to immigrants (two classes).	10	215	225
Somerville, . . . .	Current history, . . . .	2	28	30

III. *Number of enrollments in extension classes from Dec. 1, 1918, to Nov. 30, 1919, subjects taught, and places in which the classes were formed — Continued.*

PLACE.	Subject.	NUMBER IN CLASS.		
		Men.	Women.	Totals.
Somerville— <i>Con.</i>	English for American citizenship (co-operative).	—	14	14
	Methods of teaching English to immigrants.	8	108	116
South Boston,	English for American citizenship (co-operative).	22	—	22
Southbridge,	English for American citizenship (co-operative).	81	47	128
	English for business, . . . .	—	18	18
	Practical applied mathematics, . .	33	—	33
South Hadley,	Methods of teaching English to immigrants.	—	65	65
Springfield,	Appreciation of English literature (two classes).	11	80	91
	Civics for naturalization (co-operative) (two classes).	114	—	114
	Conversational French (four classes),	51	488	539
	Drawing for mechanics, . . . .	18	7	25
	Elementary accounting, . . . .	45	17	62
	English composition A, . . . .	1	18	19
	English composition AA, . . . .	2	16	18
	English composition B, . . . .	1	17	18
	English for business, . . . .	21	6	27
	Household budget planning, . .	—	42	42
	Methods of teaching English in secondary schools.	2	18	20
	Methods of teaching English to immigrants (two classes).	61	20	81
	Principles of accounting, . . . .	23	15	38
Swampscott,	Current history, . . . .	9	71	80
Taunton,	Appreciation of English literature, .	7	14	21
	English for American citizenship (co-operative).	35	—	35
	Gasoline automobiles, . . . .	22	15	37
	Methods of teaching English to immigrants.	16	—	16
Watertown,	Advanced shop mathematics, . .	43	—	43
	Conversational French, . . . .	31	14	45
	Current history, . . . .	—	61	61
	Methods of teaching English to immigrants.	—	23	23
	Practical applied mathematics, . .	29	—	29
Westfield,	Civics for naturalization (co-operative).	47	—	47
	Conversational French (two classes),	11	121	132
West Newton,	Practical applied mathematics, . .	25	—	25
West Wareham,	Shop arithmetic, . . . .	40	—	40



III. *Number of enrollments in extension classes from Dec. 1, 1918, to Nov. 30, 1919, subjects taught, and places in which the classes were formed — Concluded.*

PLACE.	Subject.	NUMBER IN CLASS.		
		Men.	Women.	Totals.
Whitinsville, . . .	Conversational French, . . .	12	61	73
Worcester, . . .	Appreciation of English literature, .	—	32	32
	Civics for naturalization (co-operative) (two classes).	400	—	400
	Conversational French (three classes),	38	347	385
	Conversational Spanish, . . .	10	14	24
	English composition A, . . .	1	21	22
	English for American citizenship (co-operative) (two classes).	45	—	45
	Methods of teaching English in secondary schools.	—	23	23
	Methods of teaching English to immigrants.	46	39	85
	Practical steam engineering (co-operative).	11	—	11
	Slide rule and its uses (two classes), .	59	—	59
Totals, . . .	. . . . .	3,812	6,095	9,907

IV. *Number of students who have completed courses since establishment of Division.*

	Men.	Women.	Totals.
Completed with certificates:—			
In correspondence courses, . . . . .	1,327	498	1,825
In classes, . . . . .	1,724	2,301	4,025
Totals, . . . . .	3,051	2,799	5,850
Completed without certificates:—			
In correspondence courses, . . . . .	399	205	604
In classes, . . . . .	347	730	1,077
Totals, . . . . .	746	935	1,681
Grand totals, . . . . .	3,797	3,734	7,531

V. *Number of students who have re-enrolled in courses since establishment of the Division.*

Total (men and women), . . . . . 1,208

VI. *Average age of students since establishment of the Division.*

In correspondence, . . . . .	28 <sup>1</sup>
In classes, . . . . .	32

<sup>1</sup> Median age of 1,200 correspondence students, 26.7 years.

VII. *Number of students in North Adams Normal School correspondence courses distributed according to school years.<sup>1</sup>*

YEAR.	Number of students.
1911, . . . . .	15
1911-12, . . . . .	39
1912-13, . . . . .	57
1913-14, . . . . .	124
1914-15, . . . . .	132
1915-16, . . . . .	132
1916-17, . . . . .	102
1917-18, . . . . .	139
1918-19, . . . . .	146

VIII. *Number of students enrolled in courses offered by the Committee on University Extension in the Connecticut Valley in co-operation with the Division of University Extension.*

YEAR.	PLACE.	Subject.	NUMBER IN CLASS.		
			Men.	Women.	Totals.
1916-17	Greenfield, . . . .	Spoken English, . . . .	-	30	30
	Northampton, . . .	Anatomy and physiology, . .	-	13	13
		Elementary Spanish, . . .	3	17	20
1917-18	Northampton, . . .	Advanced French, . . . .	-	14	14
		Anatomy and physiology, . .	-	13	13
		Elementary French, . . . .	-	19	19
	Springfield, . . . .	Architecture, . . . . .	-	17	17
1918-19	Amherst, . . . . .	Gasoline automobiles, . . .	15	8	23
	Northampton, . . .	Advanced French, . . . .	-	20	20
		Elementary French, . . . .	2	15	17
		French, . . . . .	1	14	15
		French, . . . . .	-	10	10
	Springfield, . . . .	Advanced French, . . . .	3	19	22
	Sunderland, . . . .	European history, . . . .	8	17	25
1919-20 <sup>1</sup>	Northampton, . . .	Zoölogy, . . . . .	-	15	15
		French, . . . . .	-	17	17
	Totals, . . . . .	. . . . .	32	258	290

<sup>1</sup> Many registrations hold over from one year to another.

<sup>2</sup> Six lectures were also arranged.

## EXPENDITURES, JULY 1, 1918, TO JULY 1, 1919.

*Salaries.*

## Administration:—

Director, . . . . .	\$4,999 98
Clerks, stenographers, etc., . . . . .	17,751 38
Extra clerical and stenographic service, . . . . .	9,705 27

## Instruction:—

Agents supervising instruction, . . . . .	5,300 54
Full-time instructors, . . . . .	10,123 28
Part-time instructors, . . . . .	32,832 69

*General Expenses.*

Advertising, . . . . .	52 16
Blue prints, . . . . .	369 56
Books, periodicals, and clippings, . . . . .	218 63
Express, . . . . .	264 58
Material for courses, . . . . .	2,319 96
Office supplies, . . . . .	3,631 57
Postage, . . . . .	5,604 44
Printing, . . . . .	5,577 85
Stationery, . . . . .	1,240 06
Sundries, . . . . .	917 94
Telephone and telegraph, . . . . .	176 85
Textbooks, . . . . .	11,505 64
Travel, . . . . .	5,967 42
Typewriters and accessories, . . . . .	1,124 74

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Total, . . . . .	\$119,684 54
Receipts from students, deposited with treasurer, . . . . .	\$20,580 44



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TABULATION  
OF THE  
SCHOOL RETURNS

OF THE  
354 CITIES AND TOWNS  
OF THE COMMONWEALTH

FOR THE  
SCHOOL YEAR ENDING JUNE 30, 1919

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STATISTICS FOR STATE-AIDED VOCATIONAL EDUCATION ARE NOT INCLUDED

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## EXPLANATION OF TABLE.

The table on pages vi to cciii gives the principal items in the annual school returns from the 354 cities and towns of the Commonwealth.

To find any particular city or town use the index on pages iv and v.

In the table the cities and towns are divided into four groups, and arranged within each group in the order of population, as follows:—

	Index Numbers
Group I. Cities . . . . .	1-38
Group II. Towns of 5,000 population or over . . . . .	39-113
Group III. Towns of less than 5,000 population and maintaining public high schools . . . . .	114-228
Group IV. Towns of less than 5,000 population and not maintaining public high schools . . . . .	229-354

The columns containing any particular item have the same number throughout the table. They contain the following data:—

Column  
Number

1. *Population*, State census of 1915.
2. *Valuation*, as of April 1, 1918. These valuations include supplementary assessments made between the 10th and 20th of December, 1918, on property as of April 1, 1918.
- 3-7. *Teaching staff* in public day schools.
- 8-16. *Persons 5 to 16 years of age*, April 1, 1919. Classified in the three age groups 5 to 7, 7 to 14, and 14 to 16. In each group there are given the number in the registration of minors or school census, in public schools, and in private schools.
- 17, 18. *Illiterate minors, 16 to 21 years of age*.
- 19-26. *Pupils* in public day schools.
- 27-39. *Itemized expenditures for support* of all public schools, year ending June 30, 1919.
- 40-42. *Expenditures for outlay*, including new grounds, buildings and alterations, and new equipment, year ending June 30, 1919.
- 43-53. *Expenditures for school support classified as to sources* from which the funds were received. These expenditures are for the city or town fiscal year next preceding June 30, 1919, which in all towns and nearly all cities ended Dec. 31, 1918. These columns contain also the rank of each city and town on the basis of the per capita expenditures from funds received from local taxation, from the State and from all sources.

Column  
Number

- 54, 55. *Income from Massachusetts School Fund.*
- 56, 57. *Valuation per pupil*, based on the net average membership of the public day schools for the year ending June 30, 1919, and the rank of the city or town based thereon.
- 58, 59. *Expenditure per \$1,000 valuation* for school support from funds raised by local taxation, fiscal year next preceding June 30, 1919, and the rank of the city or town based thereon.
- 60, 61. *Rate of total tax per \$1,000 valuation* for 1918, and the rank of the city or town based thereon.
- 62-70. *Evening and vacation schools.*
- 71-73. *Number of year grades* in elementary schools, junior high schools, if any, and senior high schools.
- 74-87. *Day elementary schools.*
- 88-102. *Day high schools* in cities and towns in Groups I, II and III.
- 103-110. *Expenditures for high school education* in towns in Group IV, which are towns not maintaining public high schools.
- 111-125. *Employment statistics for minors 14 to 16 years of age.*
- 126-145. *Pupils in each grade.* Membership in public day schools, April 1, 1919, classified as to grade.
- 146-160. *Training of teaching staff.*
- 161-164. *School buildings* in use Jan. 1, 1919, classified as to number of rooms.
- 165-173. *Value of public school property.*

Pages cciv and ccv contain a table giving a comparison of certain State totals for 1918-19 with the corresponding data for 1908-09, and showing the percentage of increase and decrease for the period of ten years.

*Statistics for State-aided vocational education are not included in the school returns, and, consequently, are not given in the tables in this tabulation.*

## INDEX OF CITIES AND TOWNS.

The number preceding the name of the city or town indicates its place in the table that follows.

99 Abington.	259 Cheshire.	292 Granby.
244 Acton.	203 Chester.	294 Granville.
240 Acushnet.	310 Chesterfield.	86 Great Barrington.
48 Adams.	25 Chicopee.	53 Greenfield.
229 Agawam.	343 Chilmark.	325 Greenwich.
345 Alford.	278 Clarksburg.	163 Groton.
72 Amesbury.	49 Clinton.	161 Groveland.
101 Amherst.	145 Cohasset.	
74 Andover.	250 Colrain.	150 Hadley.
44 Arlington.	85 Concord.	303 Halifax.
245 Ashburnham.	210 Conway.	180 Hamilton.
222 Ashby.	302 Cummington.	300 Hampden.
217 Ashfield.		314 Hancock.
175 Ashland.	125 Dalton.	151 Hanover.
63 Athol.	299 Dana.	252 Hanson.
32 Attleboro.	56 Danvers.	130 Hardwick.
232 Auburn.	105 Dartmouth.	280 Harvard.
168 Avon.	58 Dedham.	167 Harwich.
148 Ayer.	235 Deerfield.	236 Hatfield.
	182 Dennis.	13 Haverhill.
114 Barnstable.	239 Dighton.	324 Hawley.
132 Barre.	166 Douglas.	329 Heath.
286 Becket.	216 Dover.	108 Hingham.
264 Bedford.	230 Dracut.	274 Hinsdale.
171 Belchertown.	118 Dudley.	138 Holbrook.
248 Bellingham.	332 Dunstable.	157 Holden.
73 Belmont.	176 Duxbury.	351 Holland.
285 Berkley.		147 Holliston.
290 Berlin.	127 East Bridgewater.	12 Holyoke.
224 Bernardston.	311 Eastham.	152 Hopedale.
28 Beverly.	62 Easthampton.	158 Hopkinton.
135 Billerica.	249 East Longmeadow.	283 Hubbardston.
128 Blackstone.	112 Easton.	84 Hudson.
304 Blandford.	207 Edgartown.	241 Hull.
226 Bolton.	306 Egremont.	198 Huntington.
1 Boston.	293 Enfield.	
149 Bourne.	275 Erving.	91 Ipswich.
337 Boxborough.	189 Essex.	
298 Boxford.	20 Everett.	156 Kingston.
295 Boylston.		
68 Braintree.	90 Fairhaven.	260 Lakeville.
225 Brewster.	3 Fall River.	155 Lancaster.
66 Bridgewater.	124 Falmouth.	282 Lanesborough.
220 Brimfield.	18 Fitchburg.	9 Lawrence.
11 Brockton.	323 Florida.	117 Lee.
172 Brookfield.	126 Foxborough.	231 Leicester.
39 Brookline.	43 Framingham.	136 Lenox.
258 Buckland.	88 Franklin.	33 Leominster.
297 Burlington.	255 Freetown.	296 Leverett.
		102 Lexington.
5 Cambridge.	42 Gardner.	334 Leyden.
100 Canton.	350 Gay Head.	267 Lincoln.
316 Carlisle.	246 Georgetown.	209 Littleton.
187 Carver.	288 Gill.	253 Longmeadow.
218 Charlemont.	27 Gloucester.	6 Lowell.
165 Charlton.	342 Goshen.	92 Ludlow.
190 Chatham.	352 Gosnold.	191 Lunenburg.
109 Chelmsford.	93 Grafton.	8 Lynn.
15 Chelsea.		279 Lynnfield.



# SCHOOL RETURNS

v

14 Malden.	31 Peabody.	79 Swampscott.
140 Manchester.	315 Pelham.	237 Swansea.
98 Mansfield.	204 Pembroke.	
76 Marblehead.	143 Pepperell.	
261 Marion.	349 Peru.	22 Taunton.
37 Marlborough.	227 Petersham.	122 Templeton.
186 Marshfield.	327 Phillipston.	107 Tewksbury.
346 Mashpee.	19 Pittsfield.	205 Tisbury.
266 Mattapoisett.	331 Plainfield.	348 Tolland.
83 Maynard.	200 Plainville.	212 Topsfield.
129 Medfield.	50 Plymouth.	183 Townsend.
23 Medford.	307 Plympton.	301 Truro.
141 Medway.	339 Prescott.	287 Tyngsborough.
34 Melrose.	223 Princeton.	336 Tyringham.
221 Mendon.	120 Provincetown.	
170 Merrimac.		173 Upton.
38 Methuen.	17 Quincy.	115 Uxbridge.
70 Middleborough.		
338 Middlefield.	116 Randolph.	51 Wakefield.
268 Middleton.	251 Raynham.	335 Wales.
47 Milford.	82 Reading.	103 Walpole.
106 Millbury.	243 Rehoboth.	24 Waltham.
197 Millis.	26 Revere.	67 Ware.
247 Millville.	308 Richmond.	111 Wareham.
71 Milton.	276 Rochester.	121 Warren.
340 Monroe.	80 Rockland.	317 Warwick.
113 Monson.	119 Rockport.	344 Washington.
75 Montague.	326 Rowe.	41 Watertown.
333 Monterey.	262 Rowley.	174 Wayland.
347 Montgomery.	291 Royalston.	54 Webster.
353 Mount Washington.	281 Russell.	89 Wellesley.
	179 Rutland.	219 Wellfleet.
202 Nahant.	21 Salem.	328 Wendell.
137 Nantucket.	254 Salisbury.	284 Wenham.
57 Natick.	309 Sandisfield.	96 Westborough.
87 Needham.	195 Sandwich.	206 West Boylston.
354 New Ashford.	60 Saugus.	234 West Bridgewater.
4 New Bedford.	313 Savoy.	270 West Brookfield.
319 New Braintree.	153 Scituate.	40 Westfield.
257 Newbury.	233 Seekonk.	142 Westford.
36 Newburyport.	159 Sharon.	322 Westhampton.
215 New Marlborough.	181 Sheffield.	192 Westminster.
228 New Salem.	196 Shelburne.	194 West Newbury.
16 Newton.	188 Sherborn.	162 Weston.
273 Norfolk.	242 Shirley.	134 Westport.
29 North Adams.	146 Shrewsbury.	55 West Springfield.
30 Northampton.	341 Shutesbury.	272 West Stockbridge.
95 North Andover.	133 Somerset.	321 West Tisbury.
65 North Attleborough.	10 Somerville.	263 Westwood.
184 Northborough.	289 Southampton.	46 Weymouth.
69 Northbridge.	178 Southborough.	277 Whately.
139 North Brookfield.	45 Southbridge.	77 Whitman.
185 Northfield.	110 South Hadley.	238 Wilbraham.
269 North Reading.	265 Southwick.	169 Williamsburg.
154 Norton.	94 Spencer.	123 Williamstown.
193 Norwell.	7 Springfield.	164 Wilmington.
59 Norwood.	201 Sterling.	97 Winchendon.
	177 Stockbridge.	61 Winchester.
208 Oak Bluffs.	78 Stoneham.	330 Windsor.
312 Oakham.	81 Stoughton.	52 Winthrop.
104 Orange.	214 Stow.	35 Woburn.
213 Orleans.	256 Sturbridge.	2 Worcester.
320 Otis.	211 Sudbury.	305 Worthington.
131 Oxford.	271 Sunderland.	160 Wrentham.
	144 Sutton.	
64 Palmer.		199 Yarmouth.
318 Paxton.		

## DEPARTMENT OF EDUCATION

## GROUP I. CITIES

	CITIES	Population, State Census, 1915	Valuation, as of April 1, 1918	TEACHING STAFF IN PUBLIC DAY SCHOOLS—KINDERGARTEN, ELEMENTARY, HIGH—JAN. 1, 1919				
				SUPERVISORS		Principals	TEACHERS	
				Full time	Part time		Full time	Part time
		1	2	3	4	5	6	7
1	Boston . . . . .	745,439	\$1,499,843,198	48	—	81	3,105	—
2	Worcester . . . . .	162,697	199,330,067	6	—	45	842	—
3	Fall River . . . . .	124,791	129,953,064	8	1	31	545	—
4	New Bedford . . . . .	109,568	131,836,088	7	1	27	416	1
5	Cambridge . . . . .	108,822	134,586,884	2	5	26	499	—
6	Lowell . . . . .	107,978	98,939,125	9	—	14	329	—
7	Springfield . . . . .	102,971	201,889,729	13	—	28	698	1
8	Lynn . . . . .	95,803	98,282,432	5	—	12	371	2
9	Lawrence . . . . .	90,259	90,038,621	5	—	29	337	—
10	Somerville . . . . .	86,854	84,663,980	4	1	13	385	—
11	Brockton . . . . .	62,288	54,168,268	13	1	9	323	—
12	Holyoke . . . . .	60,816	70,699,372	5	3	16	247	4
13	Haverhill . . . . .	49,450	47,657,219	8	—	12	230	—
14	Malden . . . . .	48,907	40,692,520	5	—	11	198	—
15	Chelsea . . . . .	43,426	34,592,200	6	—	7	205	1
16	Newton . . . . .	43,113	75,120,940	7	—	10	268	—
17	Quincy . . . . .	40,674	48,568,455	8	—	9	221	—
18	Fitchburg . . . . .	39,656	42,882,525	5	—	2	190	2
19	Pittsfield . . . . .	39,607	41,182,245	6	1	15	235	8
20	Everett . . . . .	37,718	39,065,850	2	—	10	219	2
21	Salem . . . . .	37,200	42,546,175	2	3	6	162	1
22	Taunton . . . . .	36,161	27,735,840	2	—	4	174	—
23	Medford . . . . .	30,509	34,500,350	2	1	7	183	1
24	Waltham . . . . .	30,154	31,901,030	2	1	3	114	—
25	Chicopee . . . . .	30,138	31,322,910	3	—	4	137	—
26	Revere . . . . .	25,178	24,702,900	2	1	6	179	—
27	Gloucester . . . . .	24,478	26,382,576	10	—	3	138	—
28	Beverly . . . . .	22,959	35,471,866	6	—	8	138	1
29	North Adams . . . . .	22,035	18,216,386	8	—	8	91	—
30	Northampton . . . . .	21,654	18,849,511	3	1	4	92	5
31	Peabody . . . . .	18,625	24,070,642	3	1	7	87	—
32	Attleboro . . . . .	18,480	20,915,025	3	—	5	96	—
33	Leominster . . . . .	17,646	13,870,865	4	—	1	84	2
34	Melrose . . . . .	16,880	19,078,375	6	1	6	85	1
35	Woburn . . . . .	16,410	14,162,448	3	1	1	79	1
36	Newburyport . . . . .	15,311	11,455,808	—	—	5	60	1
37	Marlborough . . . . .	15,250	11,709,416	—	—	3	65	—
38	Methuen . . . . .	14,007	13,796,639	2	1	1	83	3
	Totals . . . . .	2,613,912	\$3,584,681,544	233	24	489	11,910	37

<sup>1</sup> Estimated.

# SCHOOL RETURNS

vii

## GROUP I. CITIES

PERSONS 5 TO 16 YEARS OF AGE, APRIL 1, 1919									ILLITERATE MINORS, 16 TO 21 YEARS OF AGE	
5 TO 7 YEARS			7 TO 14 YEARS			14 TO 16 YEARS			In registration of minors, April 1, 1919	Receiving employment certificates, year ending Aug. 31, 1918
In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership		
8	9	10	11	12	13	14	15	16	17	18
21,311	16,003	5,118	87,229	67,068	19,572	31,686	19,303	3,461	367	324
5,991	3,761	1,147	19,202	17,574	4,219	3,341	3,029	480	491	310
4,581	2,654	1,142	17,708	11,014	5,953	4,080	1,077	260	523	403
3,416	1,877	888	14,747	11,263	3,191	4,025	1,069	175	1,453	659
3,470	2,208	1,010	13,920	9,588	4,312	4,064	2,148	425	138	127
3,305	1,658	1,647	14,619	8,811	5,808	2,094	1,745	349	347	7
3,886	2,937	482	15,048	11,664	2,826	3,859	2,322	452	294	201
2,464	1,440	617	10,745	8,193	2,536	2,081	1,697	336	52	25
2,997	1,094	898	13,119	7,499	4,842	3,701	1,604	228	306	405
2,233	1,043	496	10,910	8,898	1,987	2,024	1,830	186	123	75
964	784	180	7,368	6,769	599	1,727	1,646	81	144	64
1,126	983	923	8,208	4,099	4,109	2,072	683	427	146	91
1,906	1,142	280	6,209	4,594	1,370	1,867	1,039	178	134	92
1,867	1,011	356	7,050	5,020	1,942	1,368	1,017	246	29	5
2,142	451	268	6,656	5,301	1,355	1,690	1,127	123	65	83
1,373	1,203	145	5,746	4,758	1,040	1,479	971	216	62	42
1,821	1,633	42	7,856	5,496	340	2,091	720	122	66	125
1,830	848	491	5,975	3,410	1,928	1,483	580	122	41	41
850	797	47	4,907	4,454	441	1,377	893	112	80	41
1,219	540	86	5,110	5,420	12	1,065	1,075	-	6	4
1,218	912	275	5,455	3,169	2,256	1,694	687	198	107	34
670	330	303	5,215	4,030	1,035	1,249	404	86	340	190
991	596	20	4,382	4,148	69	897	815	4	2	2
850	704	223	3,481	2,055	1,374	801	391	262	100	33
898	572	285	5,157	3,199	2,014	493	402	90	51	110
757	620	61	4,447	4,058	351	784	628	25	21	11
673	520	60	3,455	2,890	233	955	705	25	35	21
724	560	-	3,068	3,275	-	923	785	-	8	2
839	464	198	2,998	2,000	930	896	366	105	43	34
799	442	110	2,554	1,994	549	767	403	109	-	21
589	474	115	2,294	1,850	444	484	433	51	162	106
791	282	75	2,471	2,220	250	502	355	14	14	55
770	275	114	2,473	1,854	619	670	312	31	48	48
704	174	-	2,166	1,863	-	804	515	-	-	-
645	368	94	2,191	1,703	492	574	394	73	4	4
475	234	136	1,906	1,199	682	435	275	31	50	16
418	183	159	1,517	1,115	395	708	276	65	31	13
816	520	84	2,360	2,046	112	646	223	2	29	14
83,379	52,297	18,575	339,922	255,561	80,187	91,456	53,944	9,150	5,912	3,838

GROUP I. CITIES — *Continued*

CITIES		PUPILS IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — YEAR ENDING JUNE 30, 1919						
		Pupils enrolled	Aggregate days' attendance	Average daily attendance	Average number of days in session	Average membership	Pupils for whom town pays tuition for not less than half of school year	Nonresidents who attended not less than half of school year
		19	20	21	22	23	24	25
1	Boston . . .	121,481	16,735,312	95,087	176	105,953	221	217
2	Worcester . . .	28,156	3,875,157	22,561	172	25,261	50	173
3	Fall River . . .	16,791	2,199,036	13,368	164	15,036	—	114
4	New Bedford . . .	15,827	2,585,518	13,133	175	14,312	—	82
5	Cambridge . . .	16,632	2,043,880	13,101	156	14,487	—	144
6	Lowell . . .	12,793	1,824,200	10,424	175	11,373	—	409
7	Springfield . . .	21,624	2,765,048	16,826	163	18,747	—	335
8	Lynn . . .	12,947	1,927,756	11,493	167	12,420	4	45
9	Lawrence . . .	11,211	1,527,432	9,407	162	10,059	—	20
10	Somerville . . .	13,319	1,859,047	11,528	163	12,643	1	49
11	Brockton . . .	9,930	1,561,119	8,910	175	9,012	—	44
12	Holyoke . . .	7,047	1,004,784	5,709	176	6,190	—	8
13	Haverhill . . .	7,412	1,186,405	6,413	180	6,926	—	28
14	Malden . . .	7,596	1,089,234	6,522	167	7,083	—	49
15	Chelsea . . .	7,501	1,061,748	6,554	162	7,169	—	17
16	Newton . . .	8,033	1,129,351	6,794	166	7,453	10	70
17	Quincy . . .	8,266	1,175,362	6,922	170	7,624	—	62
18	Fitchburg . . .	5,215	722,986	4,466	162	4,789	—	52
19	Pittsfield . . .	7,234	1,011,596	6,034	168	6,558	18	109
20	Everett . . .	7,722	1,086,859	6,574	165	7,129	6	11
21	Salem . . .	5,561	774,652	4,532	172	5,058	—	10
22	Taunton . . .	5,204	781,311	4,656	168	5,000	—	52
23	Medford . . .	6,586	917,290	5,460	168	5,994	—	68
24	Waltham . . .	3,401	467,039	2,741	170	3,083	—	13
25	Chicopee . . .	4,623	666,495	3,787	169	4,174	—	4
26	Revere . . .	6,080	788,753	5,061	156	5,576	10	9
27	Gloucester . . .	4,578	622,145	4,058	153	4,291	—	28
28	Beverly . . .	4,100	606,451	3,580	169	4,011	—	43
29	North Adams . . .	3,088	437,040	2,456	178	2,749	—	32
30	Northampton . . .	3,023	420,409	2,563	164	2,808	12	21
31	Peabody . . .	2,974	405,440	2,537	160	2,787	3	31
32	Attleboro . . .	3,275	446,679	2,757	162	2,962	7	24
33	Leominster . . .	2,732	380,803	2,290	168	2,535	—	16
34	Melrose . . .	2,836	416,026	2,484	168	2,673	59	103
35	Woburn . . .	2,941	408,905	2,534	161	2,735	—	110
36	Newburyport . . .	1,941	272,585	1,665	164	1,803	—	60
37	Marlborough . . .	1,902	265,851	1,637	167	1,756	—	17
38	Methuen . . .	2,967	415,670	2,643	157	2,879	—	41
	Totals . . .	414,549	57,865,374	339,267	171	373,098	401	2,720

# SCHOOL RETURNS

ix

## GROUP I. CITIES — *Continued*

Net average membership (Column 23+24—25)	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS—DAY, EVENING, VACATION — YEAR ENDING JUNE 30, 1919				
	INSTRUCTION				Operation of school plant, — janitor service, fuel and miscellaneous ex- penses.
	General control	Salaries and expenses of supervisors, prin- cipals and teachers	Textbooks	Stationery, supplies and other expenses of instruction	
26	27	28	29	30	31
105,957	\$311,338 07	\$4,374,788 27	\$62,705 53	\$156,495 13	\$765,029 59
25,138	41,532 87	1,018,816 19	22,065 07	30,500 91	203,898 59
14,922	23,793 47	607,558 71	6,565 04	21,524 34	124,071 27
14,230	20,070 31	514,150 96	8,070 46	17,422 20	90,939 94
14,343	32,516 44	636,371 70	12,806 92	35,692 58	113,190 42
10,964	38,753 12	376,272 73	5,418 74	18,017 47	113,575 78
18,412	37,801 04	939,931 91	23,989 47	51,531 07	145,890 87
12,379	20,579 56	363,101 41	2,120 38	9,076 69	93,602 72
10,039	17,448 94	396,017 67	7,276 32	4,234 85	82,329 96
12,595	13,740 99	407,574 13	8,482 34	17,928 96	74,325 73
8,968	10,580 71	368,318 46	9,148 53	25,181 30	88,358 11
6,182	17,902 29	316,009 17	5,650 62	9,628 17	66,856 55
6,898	8,018 26	243,869 43	6,417 05	11,610 59	68,339 58
7,034	9,800 54	228,032 65	7,002 13	10,617 08	52,417 87
7,152	7,428 33	209,276 48	3,445 32	10,528 21	41,551 65
7,393	14,111 46	322,612 43	7,611 20	13,754 11	63,600 89
7,562	8,898 84	232,026 31	6,451 09	11,797 29	32,013 79
4,737	12,067 61	190,002 27	3,773 17	9,557 40	39,983 40
6,467	7,985 20	231,385 70	6,720 54	6,738 65	42,599 85
7,124	8,459 19	220,874 60	3,362 67	10,612 94	63,452 49
5,048	12,376 49	166,940 38	5,782 54	5,719 96	50,939 42
4,948	7,857 15	178,392 74	4,085 99	4,662 94	40,957 41
5,926	7,742 34	196,015 90	4,219 67	4,890 58	40,432 57
3,070	5,515 30	108,146 20	2,687 65	6,280 61	29,123 19
4,170	9,433 01	151,237 52	1,870 90	5,067 53	36,448 14
5,577	6,798 30	161,582 96	4,257 95	7,527 43	27,030 94
4,263	6,157 85	128,838 95	5,154 16	7,096 83	28,170 48
3,968	10,401 43	154,477 14	3,264 62	6,769 52	34,351 44
2,717	6,897 94	118,308 18	3,162 06	3,443 42	29,320 59
2,799	5,371 13	88,924 02	3,983 15	3,032 56	20,254 78
2,759	2,490 00	87,409 95	1,854 21	3,299 34	20,764 14
2,945	6,605 40	90,519 23	2,058 55	5,619 54	28,809 95
2,519	5,719 33	78,930 09	2,253 43	5,012 72	22,472 06
2,629	5,493 91	95,873 16	2,727 84	3,936 39	22,715 81
2,625	4,856 48	74,737 91	1,829 00	3,490 34	18,422 61
1,743	4,449 79	54,508 28	2,029 50	3,509 68	13,849 89
1,739	3,727 03	57,575 00	1,889 74	2,094 54	12,372 07
2,838	5,092 04	72,257 71	2,081 57	3,878 58	21,871 92
-	\$779,812 16	\$14,261,666 50	\$274,275 12	\$567,782 45	\$2,864,336 46

## DEPARTMENT OF EDUCATION

GROUP I. CITIES — *Continued*

	CITIES	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS ENDING JUNE				
		Repairs, replacement and upkeep	Libraries	Promotion of health	TRANSPORTATION	
					To schools within town	To schools in other towns or cities
		32	33	34	35	36
1	Boston . . . .	\$439,261 48	-	\$68,572 18	\$2,939 10	\$408 60
2	Worcester . . . .	68,589 54	\$657 25	5,147 15	1,132 86	-
3	Fall River . . . .	25,375 63	-	2,596 17	1,712 00	-
4	New Bedford . . . .	25,245 77	-	9,984 49	1,990 50	-
5	Cambridge . . . .	36,740 82	-	-	501 60	-
6	Lowell . . . .	8,151 68	-	4,587 69	280 00	-
7	Springfield . . . .	37,443 71	-	10,510 91	3,720 00	-
8	Lynn . . . .	22,691 54	-	3,339 67	758 70	-
9	Lawrence . . . .	58,707 19	-	4,450 00	-	-
10	Somerville . . . .	22,450 18	-	4,807 86	-	-
11	Brockton . . . .	13,446 83	-	5,306 25	1,706 25	-
12	Holyoke . . . .	5,958 41	1,562 46	4,247 68	1,813 49	27 00
13	Haverhill . . . .	13,803 14	-	-	4,860 55	-
14	Malden . . . .	14,084 24	-	1,404 87	-	-
15	Chelsea . . . .	5,347 15	-	1,893 62	-	-
16	Newton . . . .	25,432 53	-	5,908 76	3,419 78	-
17	Quincy . . . .	7,171 25	1,857 95	4,052 56	3,402 50	-
18	Fitchburg . . . .	7,780 41	-	4,449 38	6,527 02	-
19	Pittsfield . . . .	-	-	2,652 90	6,742 50	390 75
20	Everett . . . .	7,282 91	-	1,522 30	-	-
21	Salem . . . .	12,546 07	42 03	1,813 42	841 34	-
22	Taunton . . . .	8,413 51	47 58	3,220 09	3,018 15	-
23	Medford . . . .	5,178 31	8 59	380 00	-	-
24	Waltham . . . .	10,055 53	-	1,868 51	1,335 04	-
25	Chicopee . . . .	10,313 24	-	-	3,808 74	-
26	Revere . . . .	7,091 36	-	1,274 85	32 00	-
27	Gloucester . . . .	9,625 27	-	800 00	3,412 43	-
28	Beverly . . . .	6,046 04	-	1,476 11	3,836 80	-
29	North Adams . . . .	4,600 99	-	1,000 00	1,457 35	-
30	Northampton . . . .	4,132 23	-	1,150 00	1,625 14	-
31	Peabody . . . .	4,083 48	-	1,176 15	3,380 95	162 01
32	Attleboro . . . .	5,038 60	-	1,273 00	4,137 00	-
33	Leominster . . . .	3,343 79	135 70	1,100 00	4,068 50	-
34	Melrose . . . .	3,177 10	-	600 00	963 00	-
35	Woburn . . . .	2,757 16	140 17	1,459 80	189 00	-
36	Newburyport . . . .	3,721 59	-	1,000 00	212 20	-
37	Marlborough . . . .	2,509 57	84 64	1,560 60	3,249 14	-
38	Methuen . . . .	8,325 34	15 91	617 25	2,021 35	-
	Totals . . . .	\$955,923 59	\$4,552 28	\$167,204 22	\$79,094 98	\$988 36

<sup>1</sup> Excluding normal, clerical and Horace Mann schools, day school for immigrants, and playgrounds.

## SCHOOL RETURNS

xi

GROUP I. CITIES — *Continued*

— DAY, EVENING, VACATION — YEAR 30, 1919 — Con.			EXPENDITURES FOR OUTLAY, YEAR ENDING JUNE 30, 1919		
Tuition	Miscellaneous	Total for support	New grounds, buildings and alterations	New equipment	Total for outlay
37	38	39	40	41	42
\$19,486 20	\$152,692 46	\$6,353,716 61	\$515,346 60	\$76,097 27	\$591,443 87
-	7,113 01	1,399,453 44	35,659 50	714 64	36,374 14
-	4,705 40	817,902 03	-	-	-
-	3,853 41	691,728 04	16,148 60	8,167 90	24,316 50
225 89	4,672 95	872,719 32	75,450 10	5,013 52	80,463 62
32,364 12 <sup>2</sup>	6,992 38	604,413 71	182,836 12	-	182,836 12
-	845 38	1,251,664 36	239,358 94	25,864 79	265,223 73
754 50	22,176 04	538,201 21	-	-	-
40 00	7,383 62	577,888 55	4,978 33	-	4,978 33
820 54	9,304 95	559,435 68	82,654 16	4,071 77	86,725 93
-	-	522,046 44	76,716 81	8,174 39	84,891 20
76 50	2,119 14	431,851 48	21,116 53	4,306 91	25,423 44
488 44	2,269 99	359,677 03	9,498 19	242 16	9,740 35
406 57	-	323,765 95	-	-	-
195 71	379 15	280,045 62	-	-	-
255 58	-	456,706 74	1,368 21	6,304 72	7,672 93
221 86	2,077 33	309,970 77	24,578 68	4,809 24	29,387 92
45 00	2,445 93	276,631 59	-	1,836 21	1,836 21
359 62	818 64	306,394 35	-	-	-
556 41	-	316,123 51	-	1,185 00	1,185 00
23,342 84 <sup>2</sup>	6,468 74	286,813 23	6,155 53	791 24	6,946 77
181 44	2,297 96	253,134 96	66,020 10	29,965 07	95,985 17
477 71	357 12	259,702 79	32,305 95	7,472 48	39,778 43
632 81	671 08	166,315 92	-	1,000 33	1,000 33
-	1,638 85	219,817 93	199 00	-	199 00
1,415 91	1,272 92	218,284 62	37,076 31	-	37,076 31
14 25	6,006 03	195,276 25	-	-	-
186 72	1,090 03	221,899 85	-	2,433 00	2,433 00
-	1,557 66	169,748 19	17,641 99	2,851 41	20,493 40
373 30	1,124 28	129,970 59	-	-	-
-	2,753 32	127,373 55	-	-	-
154 15	3,384 50	147,599 92	-	-	-
-	653 45	123,689 07	90 85	1,449 34	1,540 19
1,519 44	601 53	137,608 18	5,613 57	458 05	6,071 62
-	-	107,882 47	2,521 80	508 36	3,030 16
-	313 97	83,594 90	-	-	-
-	226 70	85,289 03	-	41 81	41 81
-	2,083 52	118,245 19	-	-	-
\$84,595 51	\$262,351 44	\$20,302,583 07	\$1,453,335 87	\$193,759 61	\$1,647,095 48

<sup>2</sup> Includes total paid to State for training schools connected with the normal school.

GROUP I. CITIES — *Continued*

CITIES		EXPENDITURE FOR SUPPORT OF PUBLIC SCHOOLS — DAY, CITY FISCAL YEAR NEXT					
		FROM LOCAL TAXATION			FROM STATE AID (INCLUDING INCOME FROM MASSACHUSETTS SCHOOL FUND)		
		Amount	Per pupil in av- erage mem- bership	Rank	Amount	Per pupil in av- erage mem- bership	Rank
		43	44	45	46	47	48
1	Boston . . .	\$6,384,549 71	\$60 26	41	—	—	—
2	Worcester . . .	1,260,610 01	49 90	87	—	—	—
3	Fall River . . .	673,600 00	44 80	133	—	—	—
4	New Bedford . . .	645,705 46	45 12	128	—	—	—
5	Cambridge . . .	831,203 94	57 37	51	—	—	—
6	Lowell . . .	523,616 26	46 04	116	—	—	—
7	Springfield . . .	1,197,376 15	63 87	31	—	—	—
8	Lynn . . .	530,381 65	42 70	164	—	—	—
9	Lawrence . . .	504,589 18	50 16	86	—	—	—
10	Somerville . . .	565,874 89	44 76	135	—	—	—
11	Brockton . . .	516,096 35	57 27	52	—	—	—
12	Holyoke . . .	386,848 11	62 50	35	—	—	—
13	Haverhill . . .	317,338 56	45 82	119	—	—	—
14	Malden . . .	316,735 44	44 72	136	—	—	—
15	Chelsea . . .	272,136 27	37 96	214	—	—	—
16	Newton . . .	438,188 29	58 79	45	—	—	—
17	Quincy . . .	299,010 32	39 22	201	—	—	—
18	Fitchburg . . .	248,328 96	51 85	74	—	—	—
19	Pittsfield . . .	281,028 25	42 85	162	—	—	—
20	Everett . . .	280,491 80	39 35	200	—	—	—
21	Salem . . .	261,199 30	51 64	76	—	—	—
22	Taunton . . .	215,239 78	43 05	161	—	—	—
23	Medford . . .	242,115 00	40 39	187	—	—	—
24	Waltham . . .	170,188 15	55 20	60	—	—	—
25	Chicopee . . .	184,000 00	44 08	146	—	—	—
26	Revere . . .	237,973 30	42 68	166	—	—	—
27	Gloucester . . .	192,238 88	44 80	134	—	—	—
28	Beverly . . .	198,119 53	49 39	94	—	—	—
29	North Adams . . .	136,582 43	49 68	90	—	—	—
30	Northampton . . .	127,763 94	45 50	123	—	—	—
31	Peabody . . .	126,278 60	45 31	126	—	—	—
32	Attleboro . . .	132,817 28	44 84	132	—	—	—
33	Leominster . . .	112,551 24	44 40	143	—	—	—
34	Melrose . . .	128,267 66	47 99	102	—	—	—
35	Woburn . . .	90,497 03	33 09	268	—	—	—
36	Newburyport . . .	73,904 92	40 99	182	—	—	—
37	Marlborough . . .	84,699 11	48 23	100	—	—	—
38	Methuen . . .	110,446 28	38 36	211	—	—	—
	Totals . . .	\$19,298,592 03	\$51 73	—	—	—	—

<sup>1</sup> Excluding normal, clerical and Horace Mann schools, day school for immigrants, and playgrounds.



## SCHOOL RETURNS

xiii

GROUP I. CITIES — *Continued*

EVENING, VACATION — CLASSIFIED AS TO SOURCE, PRECEDING JUNE 30, 1919					INCOME FROM MASSACHUSETTS SCHOOL FUND	
From tuition and trans- portation of State wards	Amount from other sources	FROM ALL SOURCES			Paid to city Jan. 25, 1918	Balance unexpended, Dec. 31, 1918
		Amount	Per pupil in av- erage mem- bership	Rank		
49	50	51	52	53	54	55
\$967 50	\$10,019 49	\$6,395,536 70 <sup>1</sup>	\$60 36	105	—	—
346 50	20,615 93	1,281,572 44	50 73	171	—	—
—	13,457 28	687,057 28	45 69	225	—	—
279 75	7,332 54	653,317 75	45 65	226	—	—
1,574 25	44,066 12	876,844 31	60 53	103	—	—
550 50	11,330 89	535,497 65	47 08	210	—	—
343 50	23,763 33	1,221,482 98	65 16	79	—	—
—	4,478 11	534,859 76	43 06	259	—	—
—	—	504,589 18	50 16	177	—	—
609 75	137 81	566,622 45	44 82	238	—	—
477 00	1,500 00	518,073 35	57 49	124	—	—
16 50	2,559 54	389,424 15	62 91	96	—	—
207 75	2,969 11	320,515 42	46 28	216	—	—
544 50	735 12	318,015 06	44 90	234	—	—
284 72	996 39	273,417 38	38 14	315	—	—
1,042 20	1,946 57	441,177 06	59 19	113	—	—
1,224 75	66 00	300,301 07	39 39	303	—	—
114 00	2,979 70	251,422 66	52 50	154	—	—
132 00	3,949 75	285,110 00	43 48	256	—	—
175 50	180 75	280,848 05	39 40	302	—	—
63 00	2,839 46	264,101 76	52 21	156	—	—
798 75	3,861 16	219,899 69	43 98	248	—	—
1,323 00	930 60	244,368 60	40 77	284	—	—
240 75	400 75	170,829 65	55 41	133	—	—
183 45	—	184,183 45	44 13	247	—	—
192 75	—	238,166 05	42 71	262	—	—
93 75	1,993 62	194,326 25	45 29	230	—	—
37 50	3,011 68	201,168 71	50 15	178	—	—
—	1,588 02	138,170 45	50 26	175	—	—
60 75	846 45	128,671 14	45 82	222	—	—
539 95	555 00	127,373 55	45 70	224	—	—
—	—	132,817 28	44 84	237	—	—
89 75	740 25	113,381 24	44 73	239	—	—
525 00	1,662 50	130,455 16	48 80	191	—	—
1,140 00	2,443 67	94,080 70	34 40	338	—	—
80 10	5,202 04	79,187 06	43 92	249	—	—
417 75	346 78	85,463 64	48 67	192	—	—
129 00	2,087 40	112,662 68	39 13	305	—	—
<b>\$14,805 92</b>	<b>\$181,593 81</b>	<b>\$19,494,991 76</b>	<b>\$52 25</b>	<b>—</b>	<b>—</b>	<b>—</b>

## DEPARTMENT OF EDUCATION

GROUP I. CITIES — *Continued*

CITIES		VALUATION OF 1918 PER PUPIL IN NET AVERAGE MEMBERSHIP, YEAR ENDING JUNE 30, 1919		EXPENDITURE FOR SCHOOL SUPPORT FROM LOCAL TAXATION, CITY FISCAL YEAR NEXT PRECEDING JUNE 30, 1919 PER \$1,000 VALUATION		RATE OF TOTAL TAX PER \$1,000 VALUATION, 1918	
		Amount	Rank	Amount	Rank	Amount	Rank
		56	57	58	59	60	61
1	Boston . . .	\$14,155	16	\$4 26 <sup>1</sup>	315	\$21 20	103
2	Worcester . . .	7,929	91	6 32	188	21 20	106
3	Fall River . . .	8,709	70	5 18	269	22 60	64
4	New Bedford . . .	9,265	58	4 90	284	25 40	19
5	Cambridge . . .	9,383	57	6 18	198	25 00	23
6	Lowell . . .	9,024	62	5 29	263	23 80	43
7	Springfield . . .	10,965	37	5 93	217	18 50	199
8	Lynn . . .	7,939	90	5 40	252	21 80	94
9	Lawrence . . .	8,969	63	5 60	243	22 80	60
10	Somerville . . .	6,722	146	6 68	163	23 20	50
11	Brockton . . .	6,040	181	9 53	24	25 80	17
12	Holyoke . . .	11,436	31	5 47	251	19 20	171
13	Haverhill . . .	6,909	135	6 66	165	21 80	93
14	Malden . . .	5,785	196	7 78	107	24 40	32
15	Chelsea . . .	4,837	260	7 87	102	23 80	41
16	Newton . . .	10,161	45	5 83	226	18 40	201
17	Quincy . . .	6,423	159	6 16	202	24 20	37
18	Fitchburg . . .	9,052	61	5 79	229	20 80	126
19	Pittsfield . . .	6,368	161	6 82	155	21 80	95
20	Everett . . .	5,484	217	7 18	138	22 60	63
21	Salem . . .	8,428	74	6 14	203	26 50	12
22	Taunton . . .	5,605	209	7 76	109	25 40	21
23	Medford . . .	5,822	193	7 02	145	22 60	65
24	Waltham . . .	10,392	42	5 33	257	21 00	120
25	Chicopee . . .	7,511	106	5 89	219	20 00	144
26	Revere . . .	4,429	284	9 63	22	26 80	9
27	Gloucester . . .	6,189	169	7 28	131	23 20	49
28	Beverly . . .	8,939	64	5 59	244	17 80	220
29	North Adams . . .	6,705	147	7 50	121	21 70	96
30	Northampton . . .	6,734	140	6 78	158	21 10	107
31	Peabody . . .	8,734	69	5 25	265	16 00	268
32	Attleboro . . .	7,102	123	6 35	184	19 60	166
33	Leominster . . .	5,506	214	8 11	85	22 50	68
34	Melrose . . .	7,256	116	6 72	161	23 40	48
35	Woburn . . .	5,395	220	6 39	181	20 80	127
36	Newburyport . . .	6,572	152	6 45	175	21 00	114
37	Marlborough . . .	6,733	141	7 23	135	24 20	36
38	Methuen . . .	4,861	259	8 00	95	22 50	70
	Totals . . .	\$9,668	—	\$5 38	—	—	—

<sup>1</sup> Excluding normal, clerical and Horace Mann schools, day school for immigrants, and playgrounds.

# SCHOOL RETURNS

XV

## GROUP I. CITIES — *Continued*

EVENING AND VACATION SCHOOLS, YEAR ENDING JUNE 30, 1919

EVENING ELEMENTARY SCHOOLS			EVENING HIGH SCHOOLS			VACATION SCHOOLS		
Teachers	Pupils enrolled	Expenditure for support	Teachers	Pupils enrolled	Expenditure for support	Teachers	Pupils enrolled	Expenditure for support
62	63	64	65	66	67	68	69	70
99	3,242	\$27,861 98	119	4,121	\$32,545 13	156	4,878	\$18,045 37
53	767	13,618 24	39	1,061	15,197 93	41	917	4,966 86
65	1,109	11,125 21	18	350	3,765 74	19	211	781 50
77	1,720	13,259 82	14	451	4,491 10	5	156	2,940 94
50	1,053	10,932 27	28	839	3,833 17	16	273	1,840 50
23	792	9,414 14	36	1,304	9,652 80	-	-	-
26	500	6,192 62	58	1,832	12,653 68	64	1,642	8,245 69
9	314	1,908 88	29	803	3,296 00	38	784	3,194 00
29	484	5,219 48	33	712	9,220 46	-	-	-
11	139	3,073 44	19	363	4,468 10	-	-	-
24	419	2,735 68	23	443	4,262 01	16	423	1,484 00
26	292	4,981 96	24	247	5,341 76	10	174	460 92
16	168	2,147 00	7	77	1,540 00	-	-	-
43	1,232	8,640 35	-	-	-	-	-	-
13	332	3,470 52	-	-	-	-	-	-
11	171	1,704 58	5	173	1,390 21	18	645	1,092 30
5	112	645 70	6	116	709 12	-	-	-
24	248	2,467 50	5	53	500 45	8	120	1,145 21
12	186	2,045 85	4	59	845 62	-	-	-
4	106	1,636 84	10	244	3,563 85	-	-	-
15	242	2,362 35	-	-	-	-	-	-
16	234	3,202 84	2	46	1,448 13	-	-	-
2	39	150 00	9	201	977 40	5	140	260 00
9	86	1,080 06	-	-	-	-	-	-
10	91	1,569 95	-	-	-	-	-	-
8	138	783 35	8	134	503 25	-	-	-
18	359	1,995 42	5	111	1,569 03	-	-	-
6	159	2,102 89	-	-	-	-	-	-
2	65	357 46	4	75	242 50	-	-	-
5	80	610 00	-	-	-	-	-	-
10	84	497 50	4	41	405 00	-	-	-
9	262	998 66	-	-	-	-	-	-
8	98	1,299 50	5	51	1,111 50	4	128	550 50
2	27	300 00	-	-	349 00 <sup>2</sup>	-	-	-
2	29	130 91	3	82	298 71	3	64	204 00
7	90	786 13	-	-	-	-	-	-
3	40	582 08	2	18	428 35	-	-	-
5	134	1,004 96	6	70	1,152 32	-	-	-
757	15,643	\$152,896 12	525	14,077	\$125,762 32	403	10,555	\$45,211 79

<sup>2</sup> For tuition.

GROUP I. CITIES — *Continued*

	CITIES	YEAR GRADES IN —			PUBLIC DAY ELEMENTARY SCHOOLS					
		Elementary school	Junior high school, if any	Senior high school	PRINCIPALS		TEACHERS			Part time
							FULL TIME			
					Men	Women	Men	Women		
		71	72	73	74	75	76	77	78	
1	Boston . . . . .	8	—	4	60	6	177	2,359	—	
2	Worcester . . . . .	8	—	4	18	23	12	655	—	
3	Fall River . . . . .	8	—	4	9	21	2	476	—	
4	New Bedford . . . . .	8	—	4	9	17	—	369	—	
5	Cambridge . . . . .	8	—	4	14	10	8	369	—	
6	Lowell . . . . .	9	—	4	10	3	—	277	—	
7	Springfield . . . . .	6	3	3	9	16	17	532	1	
8	Lynn . . . . .	6	2	4	8	2	4	291	2	
9	Lawrence . . . . .	8	—	4	8	20	7	281	—	
10	Somerville . . . . .	6	3	3	10	2	7	277	—	
11	Brockton . . . . .	6	2	4	7	1	—	251	—	
12	Holyoke . . . . .	9	—	4	5	10	3	204	1	
13	Haverhill . . . . .	9	—	4	4	7	2	190	—	
14	Malden . . . . .	9	—	4	7	3	—	152	—	
15	Chelsea . . . . .	6	3	3	3	3	2	162	—	
16	Newton . . . . .	8	—	5	8	—	6	197	—	
17	Quincy . . . . .	8	—	4	8	—	1	181	—	
18	Fitchburg . . . . .	8	—	4	1	—	8	138	—	
19	Pittsfield . . . . .	8	—	4	4	10	—	191	8	
20	Everett . . . . .	9	—	4	4	5	1	181	—	
21	Salem . . . . .	8	—	4	5	—	1	127	—	
22	Taunton . . . . .	8	—	4	3	—	1	144	—	
23	Medford . . . . .	6	3	3	4	2	2	131	—	
24	Waltham . . . . .	8	—	4	2	—	1	89	—	
25	Chicopee . . . . .	9	—	4	—	3	—	120	—	
26	Revere . . . . .	6	3	3	1	4	2	136	—	
27	Gloucester . . . . .	9	—	4	2	—	—	107	—	
28	Beverly . . . . .	8	—	5	1	6	2	102	—	
29	North Adams . . . . .	8	1	4	1	6	—	75	—	
30	Northampton . . . . .	9	—	4	3	—	—	76	3	
31	Peabody . . . . .	8	—	5	4	2	—	68	—	
32	Attleboro . . . . .	8	—	4	3	1	—	78	—	
33	Leominster . . . . .	7	1	4	—	—	1	63	—	
34	Melrose . . . . .	8	—	4	—	5	—	57	—	
35	Woburn . . . . .	9	—	4	—	—	4	56	—	
36	Newburyport . . . . .	9	—	4	3	1	—	45	1	
37	Marlborough . . . . .	7	1	4	2	—	1	49	—	
38	Methuen . . . . .	8	1	4	—	—	—	74	2	
	Totals . . . . .	—	—	—	240	189	272	9,330	18	

## SCHOOL RETURNS

xvii

GROUP I. CITIES — *Continued*

(INCLUDING FIRST TWO YEARS OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

PUPILS ENROLLED		Aggregate days' attendance	Average number of days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of principals, supervisors and teachers	Expenditure for textbooks
Boys	Girls				Amount	Per pupil in average membership of elementary schools		
79	80	81	82	83	84	85	86	87
53,500	49,787	14,277,120	176	90,806	\$4,486,471 72	\$49 41	\$3,162,603 31	\$42,250 68
12,360	11,946	3,374,518	172	22,124	985,409 32	44 54	723,367 38	13,418 33
7,888	7,514	1,986,502	164	13,723	643,119 09	46 86	497,394 76	4,551 16
7,462	7,472	2,409,572	175	13,430	543,444 00	40 46	414,192 71	6,782 74
7,010	6,778	1,684,800	156	11,992	580,735 17	48 43	450,037 38	11,238 51
5,755	5,584	1,595,475	175	9,995	438,487 30	43 87	284,458 89	3,736 51
9,786	9,473	2,446,240	165	16,592	871,229 66	52 51	672,446 05	18,900 43
5,520	5,567	1,654,520	167	10,707	375,532 57	35 07	251,868 23	1,806 17
5,070	4,933	1,356,136	162	8,950	460,772 06	51 48	315,292 93	4,183 93
5,361	5,408	1,513,018	164	10,282	382,442 40	37 20	284,620 88	5,406 56
4,264	3,978	1,315,846	175	7,526	360,880 93	47 95	264,639 18	5,586 28
3,163	3,103	885,456	176	5,494	312,701 28	56 92	244,580 19	4,573 95
3,328	3,025	1,025,455	180	6,002	276,962 17	46 14	190,560 00	4,188 26
3,236	3,282	921,690	165	6,071	226,447 21	37 30	159,900 38	4,931 75
3,205	3,096	902,178	162	6,068	210,371 53	34 67	159,887 15	1,630 53
3,239	3,182	891,971	166	5,929	308,024 70	47 62	216,470 26	5,527 59
3,697	3,552	1,021,793	170	6,630	237,599 35	35 84	181,420 28	5,082 92
2,051	2,147	579,945	161	3,868	179,353 46	46 37	123,689 91	2,750 79
3,134	3,155	875,482	168	5,691	226,335 56	39 77	172,981 10	4,440 47
3,370	3,396	955,590	166	6,263	233,393 88	37 27	165,922 76	2,155 37
2,372	2,278	645,289	171	4,237	201,770 82	47 62	122,328 22	3,440 92
2,244	2,172	661,497	166	4,278	194,530 36	45 47	141,778 60	2,241 46
2,798	2,690	753,968	167	4,955	174,933 91	35 30	130,341 28	3,153 19
1,484	1,375	391,100	171	2,581	121,796 94	47 19	80,879 08	1,863 72
2,168	2,126	619,122	169	3,876	172,090 42	44 40	121,153 72	1,490 12
2,512	2,475	652,895	156	4,592	156,296 84	34 04	118,595 46	2,407 05
1,995	1,862	524,747	153	3,632	135,886 72	37 41	90,010 94	3,122 20
1,755	1,565	501,944	171	3,243	147,933 33	45 62	109,799 95	1,924 18
1,308	1,317	366,798	178	2,327	120,741 53	51 89	89,188 58	2,296 95
1,370	1,305	368,331	164	2,475	93,400 58	37 74	65,515 02	2,840 65
1,294	1,127	328,195	160	2,269	90,567 34	39 92	62,497 05	1,102 51
1,464	1,375	381,703	161	2,560	105,486 58	41 21	68,018 65	1,243 95
1,124	1,062	303,576	168	2,022	78,892 10	39 02	53,657 27	985 13
1,107	1,085	321,344	167	2,085	83,015 14	39 82	59,015 48	1,515 64
1,277	1,129	332,412	161	2,231	76,041 28	34 08	53,406 08	1,154 28
763	774	214,187	162	1,430	55,536 58	38 84	36,381 19	993 64
800	746	206,925	165	1,406	57,767 68	41 09	40,516 67	1,233 16
1,369	1,385	386,787	157	2,695	94,930 24	35 22	59,685 48	1,540 82
181,603	174,226	49,634,127	—	321,037	\$14,501,331 75	\$45 17	\$10,439,102 45	\$187,692 50

GROUP I. CITIES — *Continued*

	CITIES	PUBLIC DAY HIGH SCHOOLS (INCLUDING							
		Number of high schools	PRINCIPALS		TEACHERS			PUPILS ENROLLED	
					FULL TIME		Part time		
			Men	Women	Men	Women			
		88	89	90	91	92	93	94	95
1	Boston . . . .	15	15	-	281	288	-	8,265	9,929
2	Worcester . . . .	4	4	-	61	114	-	1,650	2,200
3	Fall River . . . .	1	1	-	26	41	-	625	764
4	New Bedford . . . .	1	1	-	20	27	1	360	533
5	Cambridge . . . .	2	2	-	42	80	-	1,319	1,525
6	Lowell . . . .	1	1	-	15	37	-	655	799
7	Springfield . . . .	3	3	-	49	100	-	1,036	1,329
8	Lynn . . . .	2	2	-	23	53	-	902	958
9	Lawrence . . . .	1	1	-	20	29	-	625	583
10	Somerville . . . .	1	1	-	20	81	-	1,068	1,482
11	Brockton . . . .	1	1	-	24	48	-	778	910
12	Holyoke . . . .	1	1	-	15	25	3	352	429
13	Haverhill . . . .	1	1	-	5	33	-	475	584
14	Malden . . . .	1	1	-	11	35	-	495	583
15	Chelsea . . . .	1	1	-	6	35	1	587	613
16	Newton . . . .	2	2	-	19	46	-	671	941
17	Quincy . . . .	1	1	-	7	32	-	433	584
18	Fitchburg . . . .	1	1	-	16	28	2	504	513
19	Pittsfield . . . .	1	1	-	14	30	-	392	553
20	Everett . . . .	1	1	-	8	29	2	463	493
21	Salem . . . .	1	1	-	9	25	1	433	478
22	Taunton . . . .	1	1	-	8	21	-	355	433
23	Medford . . . .	1	1	-	14	36	1	486	612
24	Waltham . . . .	1	1	-	7	17	-	263	279
25	Chicopee . . . .	1	1	-	5	12	-	151	178
26	Revere . . . .	1	1	-	8	33	-	537	556
27	Gloucester . . . .	1	1	-	5	26	-	301	420
28	Beverly . . . .	1	1	-	5	29	1	337	443
29	North Adams . . . .	1	1	-	6	10	-	189	274
30	Northampton . . . .	1	1	-	5	11	2	175	173
31	Peabody . . . .	1	1	-	2	17	-	259	294
32	Attleboro . . . .	1	1	-	3	15	-	207	229
33	Leominster . . . .	1	1	-	5	15	2	250	296
34	Melrose . . . .	1	1	-	8	20	1	301	343
35	Woburn . . . .	1	1	-	3	16	1	240	295
36	Newburyport . . . .	1	1	-	2	13	-	164	240
37	Marlborough . . . .	1	1	-	1	14	-	166	190
38	Methuen . . . .	1	1	-	3	6	3	110	103
	Totals . . . .	60	60	-	781	1,527	21	26,579	32,141

# SCHOOL RETURNS

xix

## GROUP I. CITIES — *Continued*

THIRD YEAR OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

Aggregate days' attendance	Days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of prin- cipals, supervisors and teachers	Expenditure for textbooks
			Amount	Per pupil in aver- age mem- ber- ship of high school		
96	97	98	99	100	101	102
2,458,192	176	15,147	\$1,477,454 34	\$97 54	\$1,151,486 68	\$20,348 78
500,639	172	3,137	338,728 22	107 98	270,993 00	7,615 64
212,534	164	1,313	135,317 02	103 06	100,462 70	1,869 55
175,946	176	882	107,521 87	121 91	86,108 50	940 60
359,080	156	2,495	242,861 77	97 34	174,534 74	1,296 58
228,725	175	1,378	108,106 35	78 38	78,887 84	1,582 23
318,808	160	2,155	315,541 67	146 42	244,236 06	4,870 18
273,236	172	1,713	133,690 20	78 04	102,905 18	314 21
171,296	161	1,109	85,227 61	76 85	68,320 82	2,493 15
346,029	162	2,361	155,710 75	65 95	117,444 25	3,062 31
245,273	175	1,486	142,103 11	95 63	96,320 75	3,479 25
119,328	176	696	90,463 27	129 98	65,171 63	971 53
160,950	180	924	71,009 60	76 85	50,644 43	2,028 79
167,544	179	1,012	78,877 85	77 94	60,610 93	2,004 39
159,570	162	1,101	58,775 24	53 38	47,742 83	1,813 51
237,380	167	1,524	130,383 49	85 55	103,531 17	1,886 75
153,569	169	994	62,117 76	62 49	49,576 03	1,368 17
143,041	165	921	81,097 36	88 05	62,441 66	1,022 38
136,114	168	867	69,182 12	79 79	56,218 60	1,886 29
131,269	161	866	69,069 75	79 76	50,545 94	1,204 10
129,363	173	821	70,303 57	85 63	42,827 41	2,322 83
119,814	174	722	46,096 48	63 85	33,863 14	1,801 60
163,322	172	1,039	75,639 14	72 80	64,458 12	1,046 05
75,939	166	502	37,923 62	75 55	26,299 56	823 93
47,373	169	298	36,724 55	123 24	28,725 05	380 78
135,858	155	984	53,902 88	54 78	41,839 00	1,850 90
97,398	157	659	49,667 23	75 37	36,446 91	1,909 34
104,507	166	768	61,462 20	80 03	42,978 19	1,261 13
70,242	180	422	41,508 76	98 36	28,615 80	814 55
52,078	166	333	30,588 88	91 86	23,002 00	1,142 50
77,245	159	518	33,413 71	64 51	24,149 90	751 70
64,976	169	402	34,509 28	85 84	21,866 33	741 54
77,227	168	513	36,116 14	70 40	24,272 32	1,043 30
94,682	169	588	48,450 13	82 39	36,557 68	1,212 20
76,493	161	504	26,351 09	52 28	20,913 33	649 42
58,398	166	373	22,822 40	61 19	17,594 09	1,016 60
58,926	183	350	22,783 89	65 10	16,433 33	601 00
28,883	165	184	16,065 63	87 31	10,925 73	540 75
8,231,247	-	52,061	\$4,697,568 93	\$90 18	\$3,579,951 63	\$81,968 51

## DEPARTMENT OF EDUCATION

GROUP I. CITIES — *Continued*

	CITIES	EMPLOYMENT CERTIFICATES AND HOME PERMITS					
		EMPLOYMENT CERTIFICATES ISSUED			DIFFERENT		
		To boys	To girls	Total	EMPLOYMENT CERTIFICATES		
					Boys	Girls	Total
		111	112	113	114	115	116
1	Boston . . .	10,387	8,743	19,130	2,677	2,224	4,901
2	Worcester . . .	2,921	1,948	4,869	711	607	1,318
3	Fall River . . .	3,293	2,872	6,165	1,567	1,387	2,954
4	New Bedford . . .	3,069	2,385	5,454	783	769	1,552
5	Cambridge . . .	1,656	1,147	2,803	825	668	1,493
6	Lowell . . .	1,837	1,473	3,310	534	415	949
7	Springfield . . .	1,628	1,056	2,684	838	564	1,402
8	Lynn . . .	1,178	726	1,904	622	451	1,073
9	Lawrence . . .	2,663	1,865	4,528	1,333	1,103	2,436
10	Somerville . . .	1,046	851	1,897	544	364	908
11	Brockton . . .	1,346	910	2,256	379	258	637
12	Holyoke . . .	927	804	1,731	589	498	1,087
13	Haverhill . . .	2,213	913	3,126	782	454	1,236
14	Malden . . .	1,409	1,153	2,562	779	502	1,281
15	Chelsea . . .	1,001	653	1,654	301	209	510
16	Newton . . .	360	203	563	170	99	269
17	Quincy . . .	533	230	763	371	163	534
18	Fitchburg . . .	656	290	946	189	112	301
19	Pittsfield . . .	518	187	705	256	138	394
20	Everett . . .	453	386	839	206	177	383
21	Salem . . .	554	349	903	301	209	510
22	Taunton . . .	735	162	897	281	232	513
23	Medford . . .	364	204	568	193	126	319
24	Waltham . . .	472	246	718	232	140	372
25	Chicopee . . .	605	387	992	437	301	738
26	Revere . . .	392	290	682	220	183	403
27	Gloucester . . .	302	181	483	144	76	220
28	Beverly . . .	305	81	386	167	57	224
29	North Adams . . .	681	345	1,026	325	175	500
30	Northampton . . .	351	217	568	226	174	400
31	Peabody . . .	188	133	321	96	60	156
32	Attleboro . . .	562	417	979	345	198	543
33	Leominster . . .	1,022	820	1,842	153	124	277
34	Melrose . . .	105	56	161	82	45	127
35	Woburn . . .	127	55	182	59	21	80
36	Newburyport . . .	174	189	363	94	100	194
37	Marlborough . . .	290	261	551	187	145	332
38	Methuen . . .	381	297	678	180	200	380
	Totals . . .	36,704	33,485	70,189	18,178	13,728	31,906

## ERRATA.

For total to column No. 111, substitute 46,704.

For total to column No. 113, substitute 80,189.



## SCHOOL RETURNS

xxi

GROUP I. CITIES — *Continued*

ISSUED TO PERSONS 14 TO 16 YEARS OF AGE, YEAR ENDING JUNE 30, 1919

PERSONS RECEIVING —			HOLDERS OF HOME PERMITS INCLUDED IN COLUMNS 114, 115, 116			DIFFERENT PERSONS 14 TO 16 YEARS OF AGE ENROLLED IN EVENING SCHOOL CLASSES AND HOLDING EITHER EMPLOYMENT CERTIFICATES OR HOME PERMITS		
HOME PERMITS						Boys	Girls	Total
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
117	118	119	120	121	122	123	124	125
3	162	165	-	81	81	359	289	648
3	128	131	1	12	13	121	56	177
12	85	97	7	71	78	-	-	-
-	78	78	-	59	59	30	30	60
1	14	15	1	3	4	-	-	-
3	4	7	-	-	-	-	-	-
11	48	59	3	11	14	110	79	189
-	2	2	-	-	-	126	60	186
-	2	2	-	-	-	399	293	692
-	6	6	-	2	2	108	61	169
3	22	25	-	11	11	17	5	22
-	4	4	-	-	-	22	55	77
1	7	8	-	2	2	-	-	-
-	1	1	-	-	-	79	93	172
-	4	4	-	1	1	-	-	-
-	8	8	-	2	2	30	20	50
-	13	13	-	7	7	9	9	18
6	15	21	-	-	-	53	32	85
3	4	7	-	-	-	-	-	-
-	3	3	-	-	-	4	3	7
-	-	-	-	-	-	-	-	-
-	14	14	-	3	3	20	5	25
-	3	3	-	1	1	31	17	48
1	13	14	1	5	6	25	10	35
1	5	6	-	-	-	-	-	-
-	2	2	-	1	1	31	18	49
-	2	2	-	2	2	49	53	102
-	6	6	-	2	2	6	3	9
2	5	7	-	-	-	-	-	-
2	-	2	1	-	1	5	5	10
-	-	-	-	-	-	-	-	-
3	2	5	2	1	3	30	11	41
-	3	3	-	2	2	18	14	32
-	1	1	-	1	1	-	-	-
-	1	1	-	1	1	5	1	6
2	3	5	-	-	-	-	-	-
2	2	4	-	-	-	-	-	-
5	8	13	5	5	10	85	97	182
64	680	744	21	286	307	1,772	1,319	3,091

GROUP I. CITIES — *Continued*

	CITIES	MEMBERSHIP IN PUBLIC DAY							
		Kindergarten	ELEMENTARY						
			Special classes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
		126	127	128	129	130	131	132	133
1	Boston . . .	7,941	993	12,993	10,401	9,823	10,256	10,175	10,132
2	Worcester . . .	1,257	369	3,799	2,878	2,731	2,911	2,630	2,416
3	Fall River . . .	513	464	2,667	2,128	2,040	2,075	2,021	1,613
4	New Bedford . . .	524	400	2,534	2,065	2,027	1,846	1,713	1,286
5	Cambridge . . .	772	180	2,153	1,543	1,463	1,618	1,544	1,292
6	Lowell . . .	431	139	1,498	1,348	1,125	1,308	1,128	943
7	Springfield . . .	1,285	304	2,381	1,988	1,689	1,862	1,829	1,722
8	Lynn . . .	1,337	233	993	1,433	1,407	1,306	1,383	1,283
9	Lawrence . . .	—	—	1,623	1,358	1,336	1,231	1,138	978
10	Somerville . . .	216	68	1,561	1,448	1,370	1,334	1,357	1,212
11	Brockton . . .	—	48	679	1,117	1,135	1,030	1,104	1,075
12	Holyoke . . .	350	16	865	700	663	666	613	572
13	Haverhill . . .	172	14	855	772	723	714	753	642
14	Malden . . .	—	13	901	754	807	791	745	728
15	Chelsea . . .	—	114	886	861	769	771	777	752
16	Newton . . .	667	47	813	743	742	710	710	670
17	Quincy . . .	—	48	964	865	904	889	871	819
18	Fitchburg . . .	55	72	633	536	480	537	466	436
19	Pittsfield . . .	305	—	1,036	761	790	743	696	625
20	Everett . . .	—	56	854	734	779	751	742	829
21	Salem . . .	220	84	731	586	486	565	493	433
22	Taunton . . .	—	76	871	702	625	519	467	467
23	Medford . . .	—	—	814	700	667	631	660	625
24	Waltham . . .	359	19	452	313	344	312	302	302
25	Chicopee . . .	65	—	769	588	505	476	416	346
26	Revere . . .	—	90	824	673	703	605	587	521
27	Gloucester . . .	—	14	545	488	479	450	432	410
28	Beverly . . .	—	37	538	435	391	386	425	396
29	North Adams . . .	190	15	426	348	319	289	265	233
30	Northampton . . .	19	—	419	328	331	299	287	304
31	Peabody . . .	—	—	478	305	341	288	299	275
32	Attleboro . . .	57	—	423	413	371	384	332	290
33	Leominster . . .	30	12	340	286	247	220	289	266
34	Melrose . . .	—	—	306	291	283	266	306	288
35	Woburn . . .	—	17	378	286	283	248	256	258
36	Newburyport . . .	—	—	216	174	169	143	173	178
37	Marlborough . . .	—	—	191	156	199	176	171	195
38	Methuen . . .	—	14	379	363	347	390	330	287
	Totals . . .	16,765	3,956	49,788	41,868	39,893	39,996	38,885	36,099

<sup>1</sup> Includes 30 pupils in transfer and continuation classes.

## SCHOOL RETURNS

xxiii

GROUP I. CITIES — *Continued*

SCHOOLS, BY GRADES, APRIL 1, 1919

SCHOOL				HIGH SCHOOL								Grand total
Grade 7, or first year Junior High	Grade 8, or Junior 2	Grade 9, if in elementary school	Total	First year, or Junior 3	Second year	Third year	Fourth year	Fifth year, if any	Post-graduates	Total		
134	135	136	137	138	139	140	141	142	143	144	145	
9,740	6,921	-	81,434	5,360	3,922	2,778	2,259	-	59	14,378	103,753	
1,915	1,633	-	21,282	1,101	945	612	522	88	40	3,308	25,847	
1,153	728	-	14,889	571	386	226	206	-	-	1,389	16,791	
833	491	-	13,195	325	227	196	160	-	13	921	14,640	
1,332	918	-	12,043	1,060	700	435	336	-	31	2,562	15,377	
927	698	616	9,730	416	377	353	192	6	11	1,355	11,516	
1,539	1,218	-	14,532	1,108	954	904	388	-	83	3,437	19,254	
894	818	-	9,750	663	551	367	275	-	4	1,860	12,947	
729	559	-	8,952	381	305	217	197	-	1	1,101	10,053	
1,124	845	-	10,319	1,255	482	278	304	-	7	2,326	12,861	
864	1,502	-	8,554	661	390	311	314	-	12	1,688	10,242	
499	385	294	5,273	180	242	144	115	-	7	688	6,311	
696	573	332	6,074	146	172	215	296	-	2	831	7,077	
652	476	390	6,257	426	293	213	147	-	7	1,086	7,343	
722	494	-	6,146	504	275	174	141	-	1	1,095	7,241	
551	520	-	5,506	438	397	326	307	46	35	1,549	7,722	
730	614	-	6,704	470	276	178	132	-	1	1,057	7,761	
419	316	-	3,895	327	249	186	175	-	-	937	4,887	
480	431	-	5,562	359	283	120	130	-	20	6,779	6,779	
655	438	305	6,143	308	242	175	129	-	1	855	6,998	
414	337	-	4,129	318	205	151	139	-	2	815	5,164	
418	308	-	4,453	235	204	134	132	-	6	711	5,164	
546	448	-	5,091	353	280	221	216	-	6	1,076	6,167	
212	184	-	2,440	175	109	114	106	-	1	505	3,304	
295	229	143	3,767	117	66	58	47	-	-	288	4,120	
296	345	-	4,644	466	142	145	111	99	-	963	5,607	
388	399	326	3,931	267	166	150	139	-	-	722	4,653	
346	327	-	3,281	225	189	173	106	72	-	765	4,046	
202	161	123	2,381	111	76	57	61	-	-	305	2,876	
226	191	120	2,505	147	86	80	54	-	-	367	2,891	
227	208	-	2,421	203	149	91	60	50	-	553	2,974	
220	143	-	2,576	169	107	88	69	-	-	433	3,066	
245	160	-	2,065	115	123	133	120	-	3	494	2,589	
244	208	-	2,192	200	172	161	101	-	10	644	2,836	
246	201	107	2,280	159	134	96	101	-	2	492	2,772	
150	124	116	1,443	130	101	76	57	-	1	365	1,808	
148	140	-	1,376	130	110	64	48	-	-	352	1,728	
223	188	109	2,630	67	59	35	24	-	-	185	2,815	
31,500	24,879	2,981	309,845	19,646	14,146	10,435	8,416	361	366	53,370	379,980	

## DEPARTMENT OF EDUCATION

GROUP I. CITIES — *Continued*

	CITIES	PRINCIPALS AND FULL-TIME						
		ELEMENTARY SCHOOL						Total
		Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	
		146	147	148	149	150	151	152
1	Boston . . . . .	— <sup>1</sup>	— <sup>1</sup>	— <sup>1</sup>	— <sup>1</sup>	— <sup>1</sup>	— <sup>1</sup>	— <sup>1</sup>
2	Worcester . . . . .	5	14	660	45	—	—	724
3	Fall River . . . . .	—	11	151	287	59	—	508
4	New Bedford . . . . .	—	7	227	138	20	3	395
5	Cambridge . . . . .	3	21	311	16	41	9	401
6	Lowell . . . . .	1	—	135	63	86	5	290
7	Springfield . . . . .	6	39	334	62	77	6	574
8	Lynn . . . . .	1	8	210	50	45	1	315
9	Lawrence . . . . .	—	6	205	95	9	1	316
10	Somerville . . . . .	3	25	194	33	66	8	329
11	Brockton . . . . .	—	2	198	28	23	11	262
12	Holyoke . . . . .	—	13	186	18	5	—	222
13	Haverhill . . . . .	—	—	166	25	10	2	203
14	Malden . . . . .	—	6	132	24	—	—	162
15	Chelsea . . . . .	1	3	125	5	33	3	170
16	Newton . . . . .	2	4	165	8	28	4	211
17	Quincy . . . . .	—	2	148	18	26	—	194
18	Fitchburg . . . . .	—	1	124	4	16	2	147
19	Pittsfield . . . . .	1	3	131	70	—	—	205
20	Everett . . . . .	—	9	128	26	33	8	204
21	Salem . . . . .	3	2	116	3	7	2	133
22	Taunton . . . . .	—	2	105	—	41	—	148
23	Medford . . . . .	2	8	97	8	24	—	139
24	Waltham . . . . .	1	2	77	3	8	1	92
25	Chicopee . . . . .	—	2	101	5	15	—	123
26	Revere . . . . .	2	11	100	13	16	1	143
27	Gloucester . . . . .	—	—	23	84	—	2	109
28	Beverly . . . . .	—	1	81	13	16	—	111
29	North Adams . . . . .	—	—	49	21	12	—	82
30	Northampton . . . . .	1	1	51	8	15	3	79
31	Peabody . . . . .	—	3	65	—	6	—	74
32	Attleboro . . . . .	—	4	67	—	8	3	82
33	Leominster . . . . .	—	—	52	1	8	3	64
34	Melrose . . . . .	—	4	45	3	10	—	62
35	Woburn . . . . .	1	2	29	2	26	—	60
36	Newburyport . . . . .	—	1	9	29	8	2	49
37	Marlborough . . . . .	—	—	26	7	19	—	52
38	Methuen . . . . .	—	1	61	4	8	—	74
	Totals . . . . .	33	218	5,134	1,219	824	80	7,508 <sup>4</sup>

<sup>1</sup> For Boston, no data available.<sup>2</sup> These are graduates of a business college.

## SCHOOL RETURNS

XXV

GROUP I. CITIES — *Continued*

TEACHERS, CLASSIFIED ACCORDING TO TRAINING, JAN. 1, 1919

HIGH SCHOOL							Grand total
Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total.	
153	154	155	156	157	158	159	160
- <sup>1</sup>	- <sup>1</sup>	- <sup>1</sup>	- <sup>1</sup>	- <sup>1</sup>	- <sup>1</sup>	- <sup>1</sup>	- <sup>1</sup>
4	138	12	9	-	-	163	887
-	49	3	1	15	-	68	576
4	38	4	-	2	-	48	443
1	82	20	2	14	5	124	525
2	51	-	-	-	-	53	343
12	103	17	-	20	-	152	726
4	46	16	-	2 <sup>2</sup>	-	68	383
1	46	1	1	1	-	50	366
5	39	14	3	8	-	69	398
1	44	15	1	8	1	70	332
-	35	6	-	-	-	41	263
-	30	4	-	4	1	39	242
7	31	9	-	-	-	47	209
2	22	15	-	3	-	42	212
3	47	11	1	2	3	67	278
-	28	8	-	-	-	36	230
1	28	11	-	5	-	45	192
3	42	-	-	-	-	45	250
1	13	5	4	2	-	25	229
-	26	4	-	4	1	35	168
-	24	4	-	2	-	30	178
1	30	10	-	10	-	51	190
-	15	8	-	2	-	25	117
-	14	2	-	-	2	18	141
4	24	9	-	5	-	42	185
1	18	3	3	6	1	32	141
1	24	8	-	2	-	35	146
1	15	-	1	-	-	17	99
-	14	-	-	3	-	17	96
-	11	8	-	1 <sup>3</sup>	-	20	94
-	14	4	-	1	-	19	101
1	15	1	-	4	-	21	85
-	24	1	-	4	-	29	91
-	14	3	-	3	-	20	80
-	15	1	-	-	-	16	65
-	8	3	2	3	-	16	68
1	7	1	-	1	-	10	84
61	1,224	241	28	137	14	1,705 <sup>4</sup>	9,213 <sup>4</sup>

<sup>3</sup> Is also a graduate of a commercial school.<sup>4</sup> Boston not included.

## DEPARTMENT OF EDUCATION

GROUP I. CITIES — *Concluded*

	CITIES	SCHOOL BUILDINGS IN USE, JAN. 1, 1919				ESTIMATED VALUE	
		One-room buildings	Two-room buildings	Buildings of three or more rooms	Total	ELEMENTARY	
						Sites	Buildings
		161	162	163	164	165	166
1	Boston . . . .	7	24	239	270	\$4,589,300	\$14,942,400
2	Worcester . . . .	2	4	68	74	428,418	2,679,215
3	Fall River . . . .	4	3	48	55	348,800	1,577,150
4	New Bedford . . . .	1	1	31	33	270,500	1,851,650
5	Cambridge . . . .	—	—	33	33	280,300	1,619,700
6	Lowell . . . .	2	8	39	49	1,527,665	99,590
7	Springfield . . . .	1	3	37	41	814,950	2,816,493
8	Lynn . . . .	11	7	35	53	237,100	1,536,300
9	Lawrence . . . .	—	—	32	32	191,175	1,194,000
10	Somerville . . . .	—	—	28	28	179,800	994,300
11	Brockton . . . .	—	3	28	31	118,200	1,108,500
12	Holyoke . . . .	1	1	18	20	298,050	698,480
13	Haverhill . . . .	6	5	23	34	118,850	709,600
14	Malden . . . .	—	—	18	18	50,000	475,000
15	Chelsea . . . .	—	—	7	7	133,750	1,025,500
16	Newton . . . .	—	1	26	27	190,150	1,009,200
17	Quincy . . . .	—	—	16	16	115,210	1,092,278
18	Fitchburg . . . .	3	2	19	24	169,600	360,000
19	Pittsfield . . . .	4	1	17	22	153,000	891,894
20	Everett . . . .	—	—	20	20	95,904	744,625
21	Salem . . . .	—	—	18	18	74,450	659,606
22	Taunton . . . .	6	6	20	32	53,950	544,800
23	Medford . . . .	1	2	17	20	172,100	839,000
24	Waltham . . . .	—	3	12	15	99,700	296,600
25	Chicopee . . . .	1	4	14	19	52,100	537,200
26	Revere . . . .	1	1	12	14	58,000	654,000
27	Gloucester . . . .	1	5	16	22	58,100	254,200
28	Beverly . . . .	—	—	13	13	69,833	476,000
29	North Adams . . . .	—	1	8	9	120,000	260,000
30	Northampton . . . .	4	2	11	17	8,000	350,000
31	Peabody . . . .	—	1	10	11	24,875	248,275
32	Attleboro . . . .	1	5	13	19	60,200	268,000
33	Leominster . . . .	1	1	11	13	25,000	159,600
34	Melrose . . . .	1	—	10	11	46,350	174,700
35	Woburn . . . .	1	2	11	14	25,650	247,400
36	Newburyport . . . .	1	2	8	11	16,000	121,500
37	Marlborough . . . .	—	—	6	6	8,000	88,000
38	Methuen . . . .	3	4	12	19	— <sup>1</sup>	440,047
	Totals . . . .	64	102	1,004	1,170	\$11,283,030	\$44,044,803

<sup>1</sup> For Methuen, no data available.

# SCHOOL RETURNS

xxvii

## GROUP I. CITIES — *Concluded*

OF PUBLIC SCHOOL PROPERTY						
SCHOOLS		HIGH SCHOOLS				Grand total
Equipment (furniture, apparatus, libraries, etc.)	Total	Sites	Buildings	Equipment (furniture, apparatus, libraries, etc.)	Total	
167	168	169	170	171	172	173
\$676,760	\$20,208,460	\$992,400	\$5,422,400	\$326,974	\$6,741,774	\$26,950,234
356,314	3,463,947	187,237	1,100,803	53,793	1,341,833	4,805,780
81,300	2,007,250	91,500	730,000	25,200	846,700	2,853,950
181,730	2,303,880	65,600	500,000	59,505	625,105	2,928,985
64,240	1,964,240	155,600	905,000	128,480	1,189,080	3,153,320
39,300	1,666,555	147,235	289,000	15,000	451,235	2,117,790
292,290	3,923,733	481,684	1,374,348	146,145	2,002,177	5,925,910
98,208	1,871,608	90,000	925,000	76,610	1,091,610	2,963,218
100,000	1,485,175	47,250	210,000	20,000	277,250	1,762,425
81,300	1,255,400	53,800	732,000	54,900	840,700	2,096,100
—	1,226,700	91,000	645,000	—	736,000	1,962,700
134,951	1,131,481	86,770	372,000	55,250	514,020	1,645,501
37,280	865,730	49,000	225,000	27,400	301,400	1,167,130
100,000	625,000	20,000	230,000	25,000	275,000	900,000
125,000	1,284,250	20,000	150,000	35,000	205,000	1,489,250
52,000	1,251,350	50,750	433,000	37,500	521,250	1,772,600
58,700	1,266,188	25,500	150,000	20,000	195,500	1,461,688
38,000	567,600	30,400	170,000	27,000	227,400	795,000
67,847	1,112,741	12,000	203,380	23,716	239,096	1,351,837
43,580	884,109	13,375	187,250	28,200	228,825	1,112,934
250,000	984,056	4,000	350,000	50,000	404,000	1,388,056
65,900	664,650	5,000	150,000	20,000	175,000	839,650
90,000	1,101,100	68,900	450,000	35,000	553,900	1,655,000
100,000	496,300	25,000	112,100	30,000	167,100	663,400
36,400	625,700	30,000	— <sup>2</sup>	13,157	43,157	668,857
80,000	792,000	23,500	122,500	20,000	166,000	958,000
29,500	341,800	10,000	85,000	5,000	100,000	441,800
50,000	595,833	14,593	164,000	33,800	212,393	808,226
75,000	455,000	50,000	250,000	45,000	345,000	800,000
10,000	368,000	22,000	150,000	20,000	192,000	560,000
1,100	274,250	12,000	110,000	6,708	128,708	402,958
27,000	355,200	10,000	185,000	16,000	211,000	566,200
11,500	196,100	15,000	132,400	5,800	153,200	349,300
45,355	266,405	58,200	140,000	15,128	213,328	479,733
19,000	292,050	20,000	130,000	7,500	157,500	449,550
6,396	143,896	15,000	70,000	1,550	86,550	230,446
15,000	111,000	20,000	65,000	7,500	92,500	203,500
56,000	496,047	— <sup>1</sup>	342,475	7,000	349,475	845,522
\$3,596,951	\$58,924,784	\$3,114,294	\$17,962,656	\$1,524,816	\$22,601,766	\$81,526,550

<sup>2</sup> Building burned.

## GROUP II. TOWNS OF 5,000

TOWNS	Population, State Census, 1915	Valuation, as of April 1, 1918	TEACHING STAFF IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELE- MENTARY, HIGH — JAN. 1, 1919					
			SUPERVISORS		Principals	TEACHERS		
			Full time	Part time		Full time	Part time	
	1	2	3	4	5	6	7	
39 Brookline . . .	33,490	\$93,704,900	2	1	8	178	2	
40 Westfield . . .	18,411	13,166,013	3	1	9	101	—	
41 Watertown . . .	16,515	24,260,610	4	5	4	87	2	
42 Gardner . . .	16,376	11,390,087	3	—	10	60	—	
43 Framingham . . .	15,860	18,783,681	3	—	7	96	—	
44 Arlington . . .	14,889	19,747,548	3	—	7	113	—	
45 Southbridge . . .	14,217	9,186,355	—	—	—	45	—	
46 Weymouth . . .	13,969	13,044,877	4	1	1	76	—	
47 Milford . . .	13,684	10,486,215	—	—	2	71	1	
48 Adams . . .	13,218	8,163,225	3	—	5	48	2	
49 Clinton . . .	13,192	9,899,921	—	—	1	54	4	
50 Plymouth . . .	12,926	17,456,205	—	—	6	83	—	
51 Wakefield . . .	12,781	13,145,607	2	—	5	86	—	
52 Winthrop . . .	12,758	16,558,450	—	1	2	74	1	
53 Greenfield . . .	12,618	14,785,574	8	—	1	81	—	
54 Webster . . .	12,565	6,434,651	5	—	1	35	—	
55 West Springfield . . .	11,339	13,234,840	2	—	4	75	—	
56 Danvers . . .	11,177	8,190,325	5	—	6	53	5	
57 Natick . . .	11,119	8,507,475	3	2	1	55	2	
58 Dedham . . .	11,043	14,115,275	—	2	4	69	2	
59 Norwood . . .	10,977	16,157,941	2	2	5	72	—	
60 Saugus . . .	10,226	7,817,646	—	—	1	69	—	
61 Winchester . . .	10,005	17,148,350	3	—	2	60	1	
62 Easthampton . . .	9,845	10,605,236	—	—	1	49	2	
63 Athol . . .	9,783	7,481,950	2	1	1	49	3	
64 Palmer . . .	9,468	6,891,272	—	1	1	56	—	
65 North Attleborough . . .	9,398	8,332,250	3	1	1	47	—	
66 Bridgewater . . .	9,381	4,513,502	—	2	2	43	—	
67 Ware . . .	9,346	6,169,240	—	4	1	41	1	
68 Braintree . . .	9,343	9,610,361	2	1	5	58	—	
69 Northbridge . . .	9,254	5,335,316	2	1	—	45	1	
70 Middleborough . . .	8,631	5,034,880	—	2	—	44	—	
71 Milton . . .	8,600	18,106,600	—	—	4	61	1	
72 Amesbury . . .	8,543	7,340,081	—	—	1	38	—	
73 Belmont . . .	8,081	12,972,613	—	2	2	55	1	
74 Andover . . .	7,978	8,017,700	2	1	1	29	—	
75 Montague . . .	7,925	8,559,375	3	—	1	43	—	
76 Marblehead . . .	7,606	11,605,319	1	2	1	45	—	
77 Whitman . . .	7,520	5,705,680	2	1	1	35	—	
78 Stoneham . . .	7,489	6,534,890	—	2	1	36	2	
79 Swampscott . . .	7,345	13,731,787	4	1	2	41	—	
80 Rockland . . .	7,074	5,420,379	—	1	1	35	1	
81 Stoughton . . .	6,982	5,637,105	—	—	1	34	1	
82 Reading . . .	6,805	8,082,984	—	2	2	47	3	
83 Maynard . . .	6,770	4,553,401	—	2	—	39	—	

<sup>1</sup> Estimated.



## SCHOOL RETURNS

xxix

## POPULATION OR OVER

PERSONS 5 TO 16 YEARS OF AGE, APRIL 1, 1919									ILLITERATE MINORS, 16 TO 21 YEARS OF AGE	
5 TO 7 YEARS			7 TO 14 YEARS			14 TO 16 YEARS			In registration of minors, April 1, 1919	Receiving employment certificates, year ending Aug. 31, 1918
In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership		
8	9	10	11	12	13	14	15	16	17	18
789	711	165	3,087	2,569	731	886	718	122	-	-
895	436	118	2,752	2,330	409	608	416	89	40	39
490	403	-	2,758	1,987	-	485	228	-	-	32
436	340	63	2,327	1,702	525	520	263	124	50 <sup>1</sup>	39
460 <sup>1</sup>	359	31	2,072	2,217	10	488	444	2	47	36
671	371	74	2,273	2,550	238	544	365	31	-	-
489	230	202	1,980	849	1,126	451	170	31	83	70
501	364	-	1,799	1,812	-	424	457	-	-	-
500	187	59	2,102	1,835	267	605	305	52	-	23
512	227	125	1,983	1,147	799	522	246	59	23	2
503	253	101	1,867	1,354	502	394	209	16	43	28
460	364	-	1,709	1,672	-	342	314	-	68	104
375	261	-	1,757	1,681	-	363	374	-	44	14
303	218	-	1,709	1,649	-	413	373	-	-	-
511	344	10	1,740	1,607	11	413	357	-	2	14
404	133	281	2,124	677	2,254	558	115	111	12	25
692	521	61	1,922	1,532	133	320	356	2	20	18
412	327	-	1,192	1,192	25	296	187	50	-	-
353	353	-	1,137	1,121	16	440	274	56	12	12
408	248	13	1,685	1,624	42	422	330	1	-	-
274	255	-	1,690	1,682	3	293	297	1	15	16
500 <sup>1</sup>	260	-	1,680 <sup>1</sup>	1,654	-	470 <sup>1</sup>	283	-	-	-
428	216	65	1,396	1,076	278	320	239	4	10	1
453 <sup>1</sup>	266	50	1,669	1,074	411	411	131	12	22	75
384	270	-	1,244	1,218	13	260 <sup>1</sup>	241	1	6	6
541	429	42	1,559	1,345	199	408	173	2	16	4
251	172	-	1,032	1,025	-	272	182	-	-	1
258	131	-	878	872	-	191	130	-	30	22
344	275	35	1,278	980	290	277	115	67	16	3
406	357	-	1,464	1,462	-	335	224	21	5	2
442	127	-	1,557	1,400	-	394	210	-	23	17
318	210	-	986	960	26	247	223	3	-	-
263	195	35	1,116	916	191	302	219	83	-	-
318	59	112	1,101	612	551	284	223	41	4	-
257	236	13	1,095	977	43	269	178	-	1	3
190	84	61	1,086 <sup>1</sup>	838	248	240	32	102	-	-
435	284	47	1,070	798	148	255	120	2	-	-
148	147	1	785	760	20	215	208	5	-	-
254	216	18	842	814	-	201	83	-	-	-
233	115	28	834	601	280	184	134	328	-	-
166	166	-	945	937	-	220	204	-	3	3
224	136	-	905	874	-	225	254	-	3	-
242	179	49	927 <sup>1</sup>	709	209	293	129	10	3	3
153	153	-	1,090	1,090	-	407	407	-	4	1
250	102	-	1,032 <sup>1</sup>	1,031	-	202	154	-	6	6

## GROUP II. TOWNS OF 5,000

TOWNS		PUPILS IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — YEAR ENDING JUNE 30, 1919						
		Pupils enrolled	Aggregate days' attendance	Average daily attendance	Average number of days in session	Average membership	Pupils for whom town pays tuition for not less than half of school year	Nonresidents who attended not less than half of school year
		19	20	21	22	23	24	25
39	Brookline . . .	5,073	657,705	4,035	163	4,469	—	299
40	Westfield . . .	3,327	492,760	2,945	161	3,136	—	30
41	Watertown . . .	3,044	424,084	2,650	165	2,874	—	18
42	Gardner . . .	2,462	351,088	2,140	164	2,270	—	26
43	Framingham . . .	3,234	385,984	2,682	144	2,936	—	112
44	Arlington . . .	3,289	484,418	2,937	165	3,197	—	24
45	Southbridge . . .	1,349	189,366	1,064	175	1,158	7	30
46	Weymouth . . .	2,731	398,730	2,301	173	2,530	—	27
47	Milford . . .	2,467	344,068	2,096	164	2,254	—	34
48	Adams . . .	1,681	238,612	1,488	160	1,576	5	39
49	Clinton . . .	1,834	270,128	1,606	168	1,737	—	10
50	Plymouth . . .	2,496	350,675	2,145	164	2,338	—	—
51	Wakefield . . .	2,568	392,914	2,221	177	2,421	—	99
52	Winthrop . . .	2,539	362,893	2,168	168	2,384	—	8
53	Greenfield . . .	2,718	397,714	2,327	171	2,500	—	34
54	Webster . . .	1,064	151,265	897	169	977	—	20
55	West Springfield . . .	2,818	355,925	2,270	157	2,504	—	96
56	Danvers . . .	1,888	265,278	1,627	163	1,788	—	49
57	Natick . . .	1,964	280,748	1,736	162	1,864	13	52
58	Dedham . . .	2,502	328,491	2,104	156	2,304	—	—
59	Norwood . . .	2,420	343,495	2,206	156	2,338	—	33
60	Saugus . . .	2,286	317,257	1,911	166	2,090	16	33
61	Winchester . . .	1,717	246,850	1,431	173	1,569	1	40
62	Easthampton . . .	1,639	236,588	1,399	169	1,514	2	19
63	Athol . . .	1,848	265,377	1,568	169	1,655	3	44
64	Palmer . . .	2,072	294,925	1,779	166	1,900	4	60
65	North Attleborough . . .	1,598	215,817	1,292	167	1,398	—	2
66	Bridgewater . . .	1,320	199,979	1,183	169	1,270	—	17
67	Ware . . .	1,469	209,423	1,301	161	1,392	6	30
68	Braintree . . .	2,198	297,052	1,770	166	1,954	—	7
69	Northbridge . . .	1,782	247,509	1,567	158	1,639	—	10
70	Middleborough . . .	1,437	239,034	1,213	180	1,335	4	61
71	Milton . . .	1,540	216,511	1,323	164	1,460	—	10
72	Amesbury . . .	1,051	151,603	914	168	983	—	70
73	Belmont . . .	1,679	241,282	1,425	169	1,592	2	13
74	Andover . . .	955	136,929	817	168	885	—	10
75	Montague . . .	1,273	197,070	1,118	176	1,184	2	24
76	Marblehead . . .	1,412	187,231	1,199	156	1,279	—	—
77	Whitman . . .	1,358	183,285	1,185	155	1,259	—	89
78	Stoneham . . .	1,131	141,286	894	158	959	62	10
79	Swampscott . . .	1,432	200,970	1,218	165	1,401	—	11
80	Rockland . . .	1,338	196,603	1,174	169	1,280	2	22
81	Stoughton . . .	1,122	168,622	947	177	1,104	—	53
82	Reading . . .	1,493	164,801	1,278	162	1,394	2	49
83	Maynard . . .	1,334	201,633	1,208	167	1,276	—	—

## SCHOOL RETURNS

xxx

POPULATION OR OVER — *Continued*

Net average membership (Column 23+24+25)	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS — DAY, EVENING, VACATION — YEAR ENDING JUNE 30, 1919				
	INSTRUCTION				Operation of school plant, — janitor service, fuel and miscellaneous ex- penses
	General control	Salaries and expenses of supervisors, prin- cipals and teachers	Textbooks	Stationery, supplies and other expenses of instruction	
26	27	28	29	30	31
4,170	\$11,432 47	\$250,703 75	\$6,878 34	\$11,555 66	\$56,405 90
3,106	4,589 41	110,144 98	1,380 42	1,442 22	20,574 70
2,856	5,240 33	94,428 73	2,737 36	5,526 29	24,997 75
2,244	4,041 74	59,936 02	1,470 91	5,881 04	16,239 11
2,824	6,603 04	94,886 06	2,151 25	4,307 44	19,859 12
3,173	4,748 06	119,610 66	3,757 62	4,141 57	22,895 78
1,135	2,898 96	35,397 20	928 70	703 36	7,725 11
2,503	3,110 17	68,830 63	2,071 43	2,984 42	17,805 68
2,220	2,555 60	56,957 27	1,327 62	1,567 72	13,528 07
1,542	3,328 59	48,084 49	1,085 52	1,298 18	14,274 51
1,727	4,870 67	51,488 04	2,373 75	2,693 20	20,090 91
2,338	4,752 44	81,299 51	2,522 12	3,554 07	20,497 26
2,322	5,480 59	82,377 59	2,220 89	3,014 08	17,426 36
2,376	3,715 13	75,226 25	2,930 98	3,398 59	17,508 40
2,466	4,435 36	80,524 29	2,199 65	3,150 39	21,362 80
957	3,821 46	33,770 33	745 72	2,553 86	12,304 49
2,408	4,806 99	73,653 81	2,101 14	3,253 55	16,619 39
1,739	3,000 00	60,467 86	1,169 05	2,112 07	10,160 75
1,825	2,877 09	52,202 55	3,640 30	2,659 46	14,238 12
2,304	4,721 69	75,395 17	2,485 56	2,323 66	17,872 22
2,305	4,203 54	69,578 06	2,281 33	3,217 68	15,773 56
2,073	2,443 42	53,818 48	2,010 97	4,724 65	14,402 64
1,530	4,940 42	69,381 62	1,785 49	2,261 08	14,271 66
1,497	3,728 94	40,491 95	1,652 41	2,255 59	12,724 37
1,614	2,383 33	44,015 50	1,389 78	2,111 67	14,275 27
1,844	3,990 22	42,467 69	3,981 61	1,227 11	11,225 23
1,396	3,289 56	46,415 55	969 86	3,029 19	10,220 55
1,253	2,103 69	34,743 40	1,443 89	953 82	7,231 28
1,368	2,149 98	35,240 09	942 34	1,385 87	12,189 08
1,947	2,912 36	51,414 55	1,608 74	2,032 23	12,854 51
1,629	2,247 13	36,939 12	801 50	1,818 95	13,802 91
1,278	3,000 00	33,027 00	800 00	1,490 80	9,657 28
1,450	5,663 66	70,213 07	1,124 89	4,156 67	21,479 28
913	3,876 65	31,756 34	1,131 51	3,298 79	12,366 88
1,581	4,102 86	56,785 57	1,684 52	2,685 77	14,214 02
875	3,858 39	27,821 44	787 02	857 81	8,556 94
1,162	2,598 06	39,724 03	1,020 40	1,767 57	12,353 26
1,279	2,866 86	45,646 99	2,028 29	2,269 06	13,779 64
1,170	2,295 17	33,635 91	1,154 82	2,093 81	11,169 89
1,011	2,127 74	31,597 50	1,288 54	1,953 88	12,022 97
1,390	3,923 60	45,132 40	1,305 17	2,256 80	9,518 96
1,260	2,128 54	36,145 21	762 87	946 89	11,687 50
1,051	2,177 93	26,948 15	1,333 03	1,711 68	6,025 70
1,347	1,000 00	43,614 26	1,824 94	3,194 28	13,470 49
1,276	2,196 40	31,009 11	1,378 80	2,141 00	6,291 45

## GROUP II. TOWNS OF 5,000

	TOWNS	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS ENDING JUNE				
		Repairs, replacement and upkeep	Libraries	Promotion of health	TRANSPORTATION	
					To schools within town	To schools in other towns or cities
		32	33	34	35	36
39	Brookline . . .	\$19,028 45	-	\$3,633 62	\$2,454 30	-
40	Westfield . . .	5,893 29	-	500 00	2,276 00	-
41	Watertown . . .	5,672 59	-	1,436 50	-	-
42	Gardner . . .	3,172 24	-	2,116 34	2,407 45	-
43	Framingham . . .	4,459 70	-	5,021 67	4,884 61	-
44	Arlington . . .	6,085 44	-	1,598 22	-	-
45	Southbridge . . .	1,412 75	-	306 30	1,709 10	-
46	Weymouth . . .	2,754 99	-	265 00	4,123 21	-
47	Milford . . .	5,406 55	-	613 50	2,217 52	-
48	Adams . . .	2,374 68	-	1,194 90	324 70	-
49	Clinton . . .	2,954 67	\$165 77	1,317 15	-	-
50	Plymouth . . .	17,942 76	46 76	1,478 94	3,963 51	-
51	Wakefield . . .	3,963 90	-	1,438 59	-	-
52	Winthrop . . .	1,779 26	-	106 85	750 00	-
53	Greenfield . . .	4,122 47	-	243 75	2,307 18	-
54	Webster . . .	1,612 86	61 02	1,213 75	1,445 51	-
55	West Springfield . . .	4,118 42	86 22	1,043 83	1,365 60	-
56	Danvers . . .	1,775 60	10 70	256 40	1,977 44	-
57	Natick . . .	2,281 15	-	250 00	1,528 37	-
58	Dedham . . .	4,611 71	-	1,569 21	1,449 57	-
59	Norwood . . .	3,528 06	20 43	2,287 02	598 16	-
60	Saugus . . .	2,428 92	-	300 00	1,067 00	-
61	Winchester . . .	2,354 68	31 00	1,701 33	938 50	-
62	Easthampton . . .	1,595 74	-	133 50	3,411 48	-
63	Athol . . .	872 82	-	250 00	3,428 14	-
64	Palmer . . .	2,579 73	-	200 00	4,518 04	-
65	North Attleborough . . .	864 41	134 01	1,508 56	1,332 50	-
66	Bridgewater . . .	3,206 80	-	-	4,419 00	-
67	Ware . . .	1,974 43	-	477 00	1,168 69	\$278 93
68	Braintree . . .	2,486 86	-	725 00	2,425 00	-
69	Northbridge . . .	2,859 41	-	480 00	1,473 29	-
70	Middleborough . . .	1,381 98	-	300 00	3,334 00	-
71	Milton . . .	2,866 80	87 98	3,640 83	340 00	-
72	Amesbury . . .	1,718 63	119 33	587 38	1,261 32	-
73	Belmont . . .	1,879 72	440 33	676 22	9 38	-
74	Andover . . .	1,506 91	-	385 80	1,823 13	-
75	Montague . . .	2,013 51	-	620 00	6,864 13	-
76	Marblehead . . .	5,804 35	100 00	1,165 00	220 10	-
77	Whitman . . .	1,280 22	-	252 00	243 59	-
78	Stoneham . . .	1,207 74	-	75 00	465 00	-
79	Swampscott . . .	2,280 65	50 50	222 00	233 82	-
80	Rockland . . .	1,146 92	-	-	507 63	-
81	Stoughton . . .	3,484 87	-	283 33	1,079 70	-
82	Reading . . .	2,262 37	-	338 67	1,084 00	-
83	Maynard . . .	2,750 44	71 64	86 50	585 00	-

## SCHOOL RETURNS

xxxiii

POPULATION OR OVER — *Continued*

— DAY, EVENING, VACATION — YEAR 30, 1919 — Con.			EXPENDITURES FOR OUTLAY, YEAR ENDING JUNE 30, 1919		
Tuition	Miscellaneous	Total for support	New group's, buildings and alterations	New equipment	Total for outlay
37	38	39	40	41	42
-	\$2,726 00	\$364,818 49	\$414 17	\$721 67	\$1,135 84
\$94 98	180 00	147,076 00	-	1,022 75	1,022 75
-	1,137 68	141,177 23	-	-	-
66 50	264 98	95,596 33	22,098 51	4,880 48	26,978 99
177 43	3,537 68	145,888 00	8,084 10	-	8,084 10
410 87	1,202 36	164,450 58	-	-	-
63 00	1,865 68	53,010 16	370 00	925 77	1,295 77
-	1,200 91	103,146 44	12,604 52	2,350 25	14,954 77
-	249 15	84,423 00	144 38	1,295 76	1,440 14
-	573 53	72,539 10	-	68 25	68 25
-	1,413 46	87,367 62	-	504 15	504 15
-	66 66	136,124 03	-	2,052 01	2,052 01
-	332 42	116,254 42	137 59	772 00	909 59
-	2,043 18	107,458 64	-	239 64	239 64
-	680 04	119,025 93	3,200 00	3,349 36	6,549 36
119 39	491 48	58,139 87	1,423 28	-	1,423 28
1 26	1,030 79	108,081 00	26,241 18	2,486 32	28,727 50
-	88 54	81,018 41	-	-	-
371 25	-	80,048 29	18,000 00	600 00	18,600 00
-	1,454 96	111,883 75	4,000 00	-	4,000 00
-	683 11	102,170 95	141,611 06	10,141 32	151,752 38
751 82	1,049 00	82,996 90	-	-	-
46 57	227 26	97,939 61	-	46 67	46 67
86 37	588 94	66,669 29	49 12	61 11	110 23
-	902 69	69,629 20	11,653 00	5,258 55	16,911 55
62 40	1,616 10	71,868 13	5,500 00	497 25	5,997 25
97 72	942 63	68,804 54	108,166 95	167 10	108,334 05
-	-	54,101 88	76,242 12	2,491 82	78,733 94
584 15	1,090 98	57,481 54	-	-	-
-	1,151 16	77,610 41	3,924 42	1,116 44	5,040 86
-	-	60,422 31	-	193 80	193 80
237 86	503 00	53,731 92	-	-	-
81 70	301 25	109,956 13	170 00	437 94	607 94
-	1,647 27	57,764 10	146 86	1,222 88	1,369 74
111 00	133 10	82,722 49	574 21	1,336 40	1,910 61
-	50 70	45,648 14	-	113 70	113 70
19 00	242 16	67,222 12	-	4,091 36	4,091 36
-	-	73,880 29	-	-	-
-	1,428 63	53,554 04	440 80	-	440 80
467 00	-	51,205 37	-	-	-
156 14	646 99	65,727 03	-	932 49	932 49
72 00	227 99	53,625 55	-	239 01	239 01
-	-	43,044 39	-	-	-
136 46	248 61	67,174 08	-	-	-
-	465 90	46,976 24	-	627 36	627 36

## GROUP II. TOWNS OF 5,000

TOWNS		EXPENDITURE FOR SUPPORT OF PUBLIC SCHOOLS — DAY, YEAR ENDING					
		FROM LOCAL TAXATION			FROM STATE AID (INCLUDING INCOME FROM MASSACHUSETTS SCHOOL FUND)		
		Amount	Per pupil in av- erage mem- bership	Rank	Amount	Per pupil in av- erage mem- bership	Rank
		43	44	45	46	47	48
39	Brookline . . .	\$318,837 66	\$71 34	16	-	-	-
40	Westfield . . .	118,003 80	37 63	219	-	-	-
41	Watertown . . .	125,067 46	43 52	152	-	-	-
42	Gardner . . .	90,903 91	40 05	193	-	-	-
43	Framingham . . .	138,869 86	47 30	106	-	-	-
44	Arlington . . .	159,470 27	49 88	88	-	-	-
45	Scutthbridge . . .	54,967 89	47 47	104	-	-	-
46	Weymouth . . .	95,361 00	37 69	218	-	-	-
47	Milford . . .	78,500 00	34 83	254	-	-	-
48	Adams . . .	65,050 69	41 28	177	-	-	-
49	Clinton . . .	77,281 43	44 49	140	-	-	-
50	Plymouth . . .	123,811 25	52 96	69	-	-	-
51	Wakefield . . .	106,969 14	44 19	144	-	-	-
52	Winthrop . . .	104,544 88	43 85	150	-	-	-
53	Greenfield . . .	111,259 00	44 50	139	-	-	-
54	Webster . . .	57,496 81	58 85	44	-	-	-
55	West Springfield . . .	95,374 88	38 09	213	-	-	-
56	Danvers . . .	72,070 75	40 31	189	-	-	-
57	Natick . . .	77,132 81	41 38	174	-	-	-
58	Dedham . . .	99,583 80	43 22	158	-	-	-
59	Norwood . . .	94,268 89	40 32	188	-	-	-
60	Saugus . . .	77,618 88	37 14	227	-	-	-
61	Winchester . . .	100,633 45	64 14	30	-	-	-
62	Easthampton . . .	61,296 93	40 49	186	-	-	-
63	Athol . . .	61,429 25	37 12	228	-	-	-
64	Palmer . . .	63,146 25	33 23	265	-	-	-
65	North Attleborough . . .	71,834 53	51 38	79	-	-	-
66	Bridgewater . . .	47,413 90	37 33	222	-	-	-
67	Ware . . .	52,804 22	37 93	216	-	-	-
68	Braintree . . .	77,568 06	39 70	196	-	-	-
69	Northbridge . . .	54,235 54	33 09	267	-	-	-
70	Middleborough . . .	43,439 39	32 54	278	-	-	-
71	Milton . . .	102,319 34	70 08	19	-	-	-
72	Amesbury . . .	55,909 61	56 88	55	-	-	-
73	Belmont . . .	77,762 99	48 85	97	-	-	-
74	Andover . . .	44,943 35	50 78	82	-	-	-
75	Montague . . .	68,819 19	58 12	47	-	-	-
76	Marblehead . . .	66,732 49	52 17	71	-	-	-
77	Whitman . . .	50,732 45	40 29	191	-	-	-
78	Stoneham . . .	55,096 52	57 45	49	-	-	-
79	Swampscott . . .	66,334 91	47 35	105	-	-	-
80	Rockland . . .	46,153 53	36 06	236	-	-	-
81	Stoughton . . .	38,808 36	35 15	249	-	-	-
82	Reading . . .	62,011 21	44 48	141	-	-	-
83	Maynard . . .	42,800 00	33 54	263	-	-	-

## SCHOOL RETURNS

XXXV

POPULATION OR OVER — *Continued*

EVENING, VACATION — CLASSIFIED AS TO SOURCE, Dec. 31, 1918					INCOME FROM MASSACHUSETTS SCHOOL FUND	
From tuition and trans- portion of State wards	Amount from other sources	FROM ALL SOURCES			Paid to town Jan. 25, 1918	Balance unexpended, Dec. 31, 1918
		Amount	Per pupil in av- erage mem- bership	Rank		
49	50	51	52	53	54	55
-	\$17,255 61	\$336,093 27	\$75 21	40	-	-
-	8,146 81	126,150 61	40 23	290	-	-
\$264 00	142 50	125,473 96	43 66	252	-	-
-	-	90,903 91	40 05	291	-	-
156 00	4,758 90	143,784 76	48 97	187	-	-
718 30	1,952 95	162,141 52	50 72	172	-	-
30 00	1,548 00	56,545 89	48 83	190	-	-
572 25	1,170 48	97,103 73	38 38	313	-	-
566 25	704 36	79,770 61	35 39	332	-	-
-	1,035 00	66,085 69	41 93	271	-	-
-	674 81	77,956 24	44 88	235	-	-
-	-	123,811 25	52 96	151	-	-
420 00	2,409 75	109,798 89	45 35	229	-	-
-	160 68	104,705 56	43 92	250	-	-
383 25	1,103 45	112,745 70	45 10	232	-	-
-	833 50	58,330 31	59 70	110	-	-
56 25	7,932 56	103,363 69	41 28	280	-	-
570 00	2,484 30	75,125 05	42 02	269	-	-
949 50	84 75	78,167 06	41 94	270	-	-
816 75	4,749 75	105,150 30	45 64	227	-	-
189 75	1,310 10	95,768 74	40 96	283	-	-
700 50	129 72	78,449 10	37 54	321	-	-
1,082 84	189 21	101,905 50	64 95	81	-	-
291 75	2,321 36	63,910 04	42 21	267	-	-
501 25	1,835 00	63,765 50	38 53	312	-	-
382 90	1,741 54	65,270 69	34 35	339	-	-
48 73	170 92	72,054 18	51 54	164	-	-
338 95	1,269 60	49,022 45	38 60	310	-	-
436 80	441 17	53,682 19	38 56	311	-	-
-	42 35	77,610 41	39 72	295	-	-
24 00	205 23	54,464 77	33 23	343	-	-
775 50	6,383 92	50,598 81	37 90	318	-	-
216 00	128 75	102,664 09	70 32	56	-	-
267 15	-	56,176 76	57 15	126	-	-
-	280 25	78,043 24	49 02	186	-	-
244 50	460 29	45,648 14	51 58	161	-	-
257 89	1,342 35	70,419 43	59 48	112	-	-
-	-	66,732 49	52 17	157	-	-
909 60	2,069 67	53,711 72	42 66	263	-	-
382 50	-	55,479 02	57 85	118	-	-
-	-	66,334 91	47 35	206	-	-
425 25	446 00	47,024 78	36 74	326	-	-
1,308 40	87 63	40,204 39	36 41	327	-	-
-	2,650 75	64,661 96	46 39	215	-	-
-	180 82	42,980 82	33 68	341	-	-

## GROUP II. TOWNS OF 5,000

TOWNS	VALUATION OF 1918 PER PUPIL IN NET AVERAGE MEMBERSHIP, YEAR ENDING JUNE 30, 1919		EXPENDITURE FOR SCHOOL SUPPORT FROM LOCAL TAXATION, YEAR ENDING DEC. 31, 1918, PER \$1,000 VALUATION		RATE OF TOTAL TAX PER \$1,000 VALUATION, 1918	
	Amount	Rank	Amount	Rank	Amount	Rank
	56	57	58	59	60	61
39 Brookline . . .	\$22,471	5	\$3 40	335	\$15 30	277
40 Westfield . . .	4,238	295	8 96	38	24 70	31
41 Watertown . . .	8,495	73	5 16	270	20 00	160
42 Gardner . . .	5,076	241	7 98	97	24 10	38
43 Framingham . . .	6,651	150	7 39	125	20 00	148
44 Arlington . . .	6,223	166	8 08	89	24 20	35
45 Southbridge . . .	8,094	85	5 98	215	25 00	29
46 Weymouth . . .	5,212	235	7 31	130	21 20	105
47 Milford . . .	4,723	267	7 49	122	22 60	66
48 Adams . . .	5,294	229	7 99	96	23 00	51
49 Clinton . . .	5,732	200	7 81	105	22 20	78
50 Plymouth . . .	7,466	110	7 09	142	19 20	172
51 Wakefield . . .	5,661	206	8 14	82	26 50	13
52 Winthrop . . .	6,969	133	6 31	189	19 70	165
53 Greenfield . . .	5,995	183	7 52	116	16 00	262
54 Webster . . .	6,724	145	8 94	39	15 30	280
55 West Springfield . . .	5,496	216	7 21	137	20 00	161
56 Danvers . . .	4,709	268	8 80	47	20 80	124
57 Natick . . .	4,662	271	9 07	36	29 20	3
58 Dedham . . .	6,126	174	7 06	143	20 80	125
59 Norwood . . .	7,009	129	5 83	227	14 60	292
60 Saugus . . .	3,771	321	9 93	15	27 95	4
61 Winchester . . .	11,208	34	5 87	224	20 00	163
62 Easthampton . . .	7,084	126	5 78	230	25 00	24
63 Athol . . .	4,636	273	8 21	77	22 00	79
64 Palmer . . .	3,737	323	9 16	33	18 10	207
65 North Attleborough . . .	5,969	185	8 62	55	23 70	45
66 Bridgewater . . .	3,602	328	10 50	11	23 00	53
67 Ware . . .	4,510	278	8 56	59	19 80	164
68 Braintree . . .	4,936	253	8 07	90	21 60	97
69 Northbridge . . .	3,275	343	10 17	14	14 00	298
70 Middleborough . . .	3,940	311	8 63	54	20 00	152
71 Milton . . .	12,487	26	5 65	241	10 60	334
72 Amesbury . . .	8,039	89	7 62	115	20 40	136
73 Belmont . . .	8,205	82	5 99	214	20 00	142
74 Andover . . .	9,163	59	5 61	242	22 25	77
75 Montague . . .	7,366	113	8 04	93	15 00	287
76 Marblehead . . .	9,074	60	5 75	232	22 50	69
77 Whitman . . .	4,868	257	8 89	45	25 40	22
78 Stoneham . . .	6,464	155	8 43	64	27 10	5
79 Swampscott . . .	9,879	49	4 83	291	20 00	158
80 Rockland . . .	4,302	289	8 51	62	22 00	88
81 Stoughton . . .	5,364	224	6 88	154	26 60	10
82 Reading . . .	6,000	182	7 67	114	25 00	28
83 Maynard . . .	3,568	330	9 40	28	21 50	101



## SCHOOL RETURNS

xxxvii

POPULATION OR OVER — *Continued*

EVENING AND VACATION SCHOOLS, YEAR ENDING JUNE 30, 1919

EVENING ELEMENTARY SCHOOLS			EVENING HIGH SCHOOLS			VACATION SCHOOLS		
Teachers	Pupils enrolled	for Expenditure support	Teachers	Pupils enrolled	for Expenditure support	Teachers	Pupils enrolled	for Expenditure support
62	63	64	65	66	67	68	69	70
9	154	\$2,145 33	-	-	-	15	653	\$1,835 71
6	45	529 00	-	-	-	-	-	-
3	50	614 77	4	69	\$693 81	-	-	-
11	123	638 00	-	-	-	-	-	-
4	50	535 38	7	178	1,307 40	-	-	-
9	53	848 00	5	49	418 50	7	150	609 76
11	105	940 25	7	46	376 37	-	-	-
-	-	-	2	36	596 03	-	-	-
6	60	414 00	-	-	-	-	-	-
3	52	257 00	2	30	236 50	-	-	-
12	222	1,655 93	6	157	1,320 12	-	-	-
4	65	550 00	-	-	-	5	124	599 00
8	108	1,019 49	-	-	-	3	84	207 00
1	22	92 05	2	48	283 50	-	-	-
2	32	127 00	-	-	-	-	-	-
4	85	385 50	6	127	753 63	4	86	319 15
2	60	278 75	3	37	431 50	2	33	110 00
-	-	-	-	-	-	-	-	-
7	63	493 70	-	-	-	-	-	-
1	28	108 00	4	151	496 50	-	-	-
2	29	181 08	7	184	682 62	4	136	335 33
-	-	-	-	-	-	9	177	460 00
3	37	362 50	4	104	441 50	3	78	262 50
3	74	473 50	-	-	-	-	-	-
2	25	109 50	-	-	-	8	112	240 00
-	-	-	-	-	-	-	-	-
2	29	361 19	6	88	200 00	-	-	-
4	37	201 25	1	9	50 00	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	9	226	540 25
5	56	393 50	-	-	-	4	57	179 00
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1	6	56 78	2	63	567 72	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2	35	185 00	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
4	62	225 00	-	-	-	-	-	-

## GROUP II. TOWNS OF 5,000

	TOWNS	YEAR GRADES IN —			PUBLIC DAY ELEMENTARY SCHOOLS				
		Elementary school	Junior high school, if any	Senior high school	PRINCIPALS		TEACHERS		
							FULL TIME		Part time
							Men	Women	
		71	72	73	74	75	76	77	78
39	Brookline . . .	9	—	4	4	2	1	136	2
40	Westfield . . .	8	—	4	4	4	—	84	—
41	Watertown . . .	9	—	4	3	—	—	70	—
42	Gardner . . .	8	—	4	—	9	—	43	—
43	Framingham . . .	8	—	4	2	3	2	74	—
44	Arlington . . .	6	2	4	1	5	1	84	—
45	Southbridge . . .	9	—	4	—	—	—	36	—
46	Weymouth . . .	9	—	4	—	—	3	60	—
47	Milford . . .	8	—	4	1	—	—	59	—
48	Adams . . .	9	—	4	2	2	—	41	1
49	Clinton . . .	8	—	4	—	—	—	42	3
50	Plymouth . . .	6	3	4	5	—	—	69	—
51	Wakefield . . .	8	—	4	3	1	5	59	—
52	Winthrop . . .	8	—	4	1	—	—	46	—
53	Greenfield . . .	9	—	4	—	—	1	64	—
54	Webster . . .	8	—	5	—	—	—	28	—
55	West Springfield . . .	8	—	4	2	1	1	60	—
56	Danvers . . .	8	3	4	1	4	—	40	2
57	Natick . . .	8	—	5	—	—	1	42	2
58	Dedham . . .	8	—	4	2	1	1	55	1
59	Norwood . . .	8	—	4	3	1	1	57	—
60	Saugus . . .	6	2	4	—	—	—	50	—
61	Winchester . . .	8	—	4	—	1	—	43	—
62	Easthampton . . .	8	—	4	—	—	4	38	—
63	Athol . . .	9	—	4	—	—	1	37	3
64	Palmer . . .	9	—	4	—	—	—	48	—
65	North Attleborough . . .	6	3	4	—	—	1	38	—
66	Bridgewater . . .	8	—	4	—	1	—	35	—
67	Ware . . .	9	—	4	—	—	—	35	1
68	Braintree . . .	8	—	4	4	—	1	47	—
69	Northbridge . . .	8	—	4	—	—	—	38	1
70	Middleborough . . .	9	—	4	—	—	1	33	—
71	Milton . . .	8	—	4	1	2	—	41	1
72	Amesbury . . .	6	2	4	—	—	1	22	—
73	Belmont . . .	6	2	4	1	—	3	37	1
74	Andover . . .	6	2	—	—	1	—	29	—
75	Montague . . .	8	—	5	—	—	1	31	—
76	Marblehead . . .	6	2	4	—	—	—	36	—
77	Whitman . . .	9	—	4	—	—	1	26	—
78	Stoneham . . .	8	—	4	—	—	1	24	2
79	Swampscott . . .	6	3	3	—	1	—	27	—
80	Rockland . . .	9	—	4	—	—	1	25	1
81	Stoughton . . .	8	—	4	—	—	—	27	1
82	Reading . . .	6	2	4	—	1	1	32	1
83	Maynard . . .	8	—	4	—	—	—	32	—

## SCHOOL RETURNS

xxxix

POPULATION OR OVER — *Continued*

(INCLUDING FIRST TWO YEARS OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

PUPILS ENROLLED		Aggregate days' attendance	Average number of days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of principals, supervisors and teachers	Expenditure for textbooks
Boys	Girls				Amount	Per pupil in average membership of elementary schools		
79	80	81	82	83	84	85	86	87
2,120	2,101	549,636	163	3,750	\$253,704 45	\$67 65	\$174,579 94	\$4,756 84
1,481	1,459	435,904	161	2,808	113,479 17	40 41	87,725 98	945 06
1,315	1,325	368,336	160	2,494	100,469 65	40 28	69,522 02	1,829 44
1,057	1,015	293,961	163	1,911	63,869 82	33 42	39,482 10	1,164 64
1,371	1,331	324,248	144	2,483	97,967 46	39 46	66,197 34	1,260 51
1,386	1,261	393,878	165	2,605	108,812 48	41 77	83,723 36	2,256 76
621	559	164,602	175	1,008	35,353 17	35 07	24,647 20	441 70
1,213	1,191	352,223	173	2,238	76,282 24	34 09	53,022 43	1,701 33
1,121	1,049	302,851	164	1,987	65,026 17	32 73	45,328 77	727 88
729	738	205,224	157	1,379	54,988 58	39 88	37,973 95	732 96
746	753	220,422	168	1,433	55,380 27	38 65	35,676 34	1,422 76
1,090	1,086	306,364	164	2,047	104,459 85	51 03	62,895 46	1,441 65
1,013	1,015	309,113	177	1,913	78,175 68	40 87	55,887 86	1,448 46
986	936	270,733	165	1,814	57,906 60	31 92	41,085 00	1,179 39
1,196	1,169	340,440	169	2,178	86,180 82	39 57	58,275 79	1,312 96
459	429	126,019	168	821	35,453 86	43 18	22,154 76	408 01
1,250	1,201	306,797	157	2,163	77,561 45	35 86	55,188 38	1,468 38
797	745	215,318	163	1,452	58,165 60	40 06	42,984 11	955 20
764	770	219,677	161	1,472	52,755 39	35 84	34,480 58	2,306 16
1,075	1,023	272,321	155	1,923	83,857 73	43 61	58,337 00	1,434 77
1,028	1,021	290,036	155	1,991	74,672 96	37 51	53,407 23	1,279 23
995	912	264,758	166	1,744	56,355 78	32 31	37,907 39	1,417 54
720	688	201,435	173	1,282	61,980 47	48 35	43,466 72	1,085 17
744	726	212,020	169	1,363	49,142 52	36 05	30,382 03	1,400 14
812	759	223,262	170	1,395	47,038 77	33 72	28,830 50	800 70
940	947	268,077	164	1,744	48,350 77	27 72	30,717 69	3,273 23
726	693	188,715	166	1,233	49,489 37	40 14	33,825 04	643 38
585	550	170,231	167	1,093	37,229 05	34 06	24,559 45	988 97
685	647	188,548	160	1,263	44,404 55	35 16	27,774 20	655 46
902	1,015	256,894	169	1,697	58,598 03	34 53	39,783 65	1,246 24
830	792	225,354	158	1,499	45,800 49	30 55	29,411 30	651 63
554	646	203,091	180	1,122	35,363 92	31 52	22,225 00	300 00
638	563	167,006	163	1,137	69,343 71	60 99	46,765 38	665 23
350	352	99,283	162	665	28,811 71	43 33	17,415 18	586 85
683	700	197,466	169	1,312	51,975 17	39 62	37,428 43	1,127 28
478	477	136,929	168	885	41,789 75	47 22	27,821 44	787 02
507	546	162,702	175	993	44,055 55	44 37	27,138 41	559 97
592	573	154,729	158	1,044	49,696 44	47 60	32,672 17	1,287 09
601	538	153,668	155	1,058	38,081 45	35 99	25,066 66	890 64
457	401	104,311	158	719	29,447 85	40 96	17,730 33	591 25
579	542	159,225	165	1,108	41,004 07	37 01	29,757 52	952 75
562	546	163,511	167	1,071	35,115 81	32 79	24,581 96	511 44
476	464	134,024	173	925	31,967 75	34 56	20,638 15	900 00
532	659	122,262	160	1,112	42,367 95	38 10	27,545 59	1,026 03
612	583	180,195	167	1,143	34,833 41	30 48	23,921 10	1,120 43

## GROUP II. TOWNS OF 5,000

	TOWNS	Number of high schools	PUBLIC DAY HIGH SCHOOLS (INCLUDING						
			PRINCIPALS		TEACHERS			PUPILS ENROLLED	
					FULL TIME		Part time		
		88	89	90	91	92	93	94	95
39	Brookline . . .	2	2	-	14	27	-	383	469
40	Westfield . . .	1	1	-	3	14	-	137	250
41	Watertown . . .	1	1	-	3	14	2	189	215
42	Gardner . . .	1	1	-	2	15	-	153	237
43	Framingham . . .	1	2	-	6	14	-	262	270
44	Arlington . . .	1	1	-	5	23	-	251	391
45	Southbridge . . .	1	-	-	3	6	-	80	89
46	Weymouth . . .	1	1	-	3	10	-	139	188
47	Milford . . .	1	1	-	1	11	1	126	171
48	Adams . . .	1	1	-	-	7	1	87	127
49	Clinton . . .	1	1	-	2	10	1	155	180
50	Plymouth . . .	1	1	-	3	11	-	123	197
51	Wakefield . . .	1	1	-	5	17	-	231	309
52	Winthrop . . .	1	1	-	7	21	1	291	326
53	Greenfield . . .	1	1	-	2	14	-	159	194
54	Webster . . .	1	1	-	1	6	-	84	92
55	West Springfield . . .	1	1	-	2	12	-	165	202
56	Danvers . . .	1	1	-	2	11	3	130	216
57	Natick . . .	1	1	-	2	10	-	190	240
58	Dedham . . .	1	1	-	3	10	1	163	241
59	Norwood . . .	1	1	-	-	14	-	154	217
60	Saugus . . .	1	-	1	3	16	-	198	181
61	Winchester . . .	1	1	-	4	13	1	117	192
62	Easthampton . . .	1	1	-	-	7	2	51	118
63	Athol . . .	1	1	-	3	8	-	114	163
64	Palmer . . .	1	1	-	1	7	-	91	94
65	North Attleborough . . .	1	1	-	-	8	-	81	98
66	Bridgewater . . .	1	1	-	1	7	-	83	102
67	Ware . . .	1	1	-	-	6	-	59	78
68	Braintree . . .	1	1	-	-	10	-	130	151
69	Northbridge . . .	1	-	-	2	5	-	77	83
70	Middleborough . . .	1	-	-	3	7	-	95	142
71	Milton . . .	1	1	-	7	13	-	131	208
72	Amesbury . . .	1	1	-	2	13	-	160	189
73	Belmont . . .	1	1	-	4	11	-	121	175
74	Andover . . .	-	-	-	-	-	-	- <sup>1</sup>	- <sup>1</sup>
75	Montague . . .	1	1	-	2	9	-	96	124
76	Marblehead . . .	1	1	-	2	7	-	109	138
77	Whitman . . .	1	1	-	-	8	-	91	128
78	Stoneham . . .	1	1	-	1	10	-	126	147
79	Swampscott . . .	1	1	-	1	13	-	152	159
80	Rockland . . .	1	1	-	1	8	1	100	130
81	Stoughton . . .	1	1	-	-	7	-	82	100
82	Reading . . .	1	1	-	-	14	2	159	143
83	Maynard . . .	1	-	-	3	4	-	61	78

<sup>1</sup> Many pupils attend Punchard Free School.

## SCHOOL RETURNS

xli

POPULATION OR OVER — *Continued*

THIRD YEAR OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

Aggregate days' attendance	Days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of prin- cipals, supervisors and teachers	Expenditure for textbooks
			Amount	Per pupil in aver- age member- ship of high school		
96	97	98	99	100	101	102
108,069	163	719	\$95,700 53	\$133 10	\$72,976 81	\$2,043 11
56,856	162	328	28,478 42	86 82	21,990 00	435 36
55,748	171	380	34,158 67	89 89	23,835 21	850 09
57,127	167	359	27,046 77	75 34	19,895 92	306 27
61,736	146	453	39,474 72	87 14	27,445 22	890 74
90,540	165	592	49,013 78	82 79	34,180 80	1,500 86
24,764	175	150	13,441 41	89 61	9,593 00	456 46
46,507	176	292	23,158 00	79 31	15,402 20	370 10
41,217	164	267	16,427 23	61 53	11,250 50	599 74
33,388	176	197	13,728 43	69 69	9,686 04	337 56
49,706	169	304	24,140 63	79 41	13,588 70	836 94
44,311	164	291	25,762 74	88 53	17,365 05	1,015 47
83,801	175	508	31,371 66	61 76	25,509 73	741 48
92,160	172	570	45,461 36	79 76	33,840 75	1,740 71
57,274	181	322	28,282 75	87 83	22,145 00	886 69
25,246	172	156	17,406 27	111 58	10,419 82	337 71
49,128	157	341	24,892 31	73 00	17,838 18	795 64
49,960	163	336	19,852 81	59 09	17,483 75	213 85
61,071	164	392	23,922 11	61 03	17,359 97	1,334 14
56,170	160	381	22,699 83	59 58	16,527 17	1,050 79
53,459	161	347	22,095 42	63 68	15,321 83	961 85
52,499	166	346	23,737 70	68 61	15,451 09	593 43
45,415	171	287	29,952 22	104 36	24,988 40	700 32
24,568	171	151	13,324 33	88 24	9,894 92	252 27
42,115	161	260	19,857 60	76 38	14,835 50	589 08
26,848	181	156	19,527 14	125 17	11,750 00	708 38
27,102	173	165	15,464 42	93 72	12,029 32	326 48
29,748	176	177	14,517 89	82 02	9,965 20	454 92
20,875	168	129	10,927 01	84 71	7,465 89	286 88
40,158	166	257	15,559 77	60 54	11,180 90	362 50
22,155	161	140	11,802 19	84 30	6,989 82	149 87
35,943	181	213	15,368 00	72 15	10,802 00	500 00
49,505	165	323	34,948 76	108 20	23,447 69	459 66
52,320	174	318	25,075 74	78 85	14,341 16	544 66
43,816	169	280	26,644 46	95 16	19,357 14	557 24
-	-	-	-	-	-	-
34,368	187	191	20,568 51	107 69	12,585 62	460 43
32,502	147	235	21,316 99	90 71	12,974 82	741 20
29,617	156	201	13,177 42	65 56	8,569 25	264 18
36,975	158	240	19,005 28	79 19	13,242 67	697 29
41,745	167	293	20,799 36	70 99	15,374 88	352 42
33,092	171	209	16,381 20	78 38	11,563 25	251 43
34,598	181	179	8,713 71	48 68	6,125 00	433 03
42,539	163	282	23,806 13	84 42	16,068 67	798 91
21,438	169	133	9,721 43	73 09	6,917 01	258 37

## GROUP II. TOWNS OF 5,000

	TOWNS	EMPLOYMENT CERTIFICATES AND HOME PERMITS					
		EMPLOYMENT CERTIFICATES ISSUED			DIFFERENT		
		To boys	To girls	Total	EMPLOYMENT CERTIFICATES		
					Boys	Girls	Total
		111	112	113	114	115	116
39	Brookline . . .	100	49	149	61	31	92
40	Westfield . . .	336	173	509	151	87	238
41	Watertown . . .	189	67	256	115	55	170
42	Gardner . . .	239	112	351	167	86	253
43	Framingham . . .	153	127	280	59	49	108
44	Arlington . . .	71	45	116	57	35	92
45	Southbridge . . .	252	181	433	225	173	398
46	Weymouth . . .	165	100	265	107	82	189
47	Milford . . .	93	95	188	62	63	125
48	Adams . . .	300	208	508	200	141	341
49	Clinton . . .	197	154	351	70	53	123
50	Plymouth . . .	211	106	317	107	95	202
51	Wakefield . . .	105	83	188	82	54	136
52	Winthrop . . .	52	21	73	41	12	53
53	Greenfield . . .	157	53	210	30	12	42
54	Webster . . .	457	376	833	199	159	358
55	West Springfield . . .	166	136	302	102	91	193
56	Danvers . . .	94	112	206	72	54	126
57	Natick . . .	79	61	140	70	46	116
58	Dedham . . .	104	92	196	84	63	147
59	Norwood . . .	149	104	253	106	81	187
60	Saugus . . .	161	92	253	90	60	150
61	Winchester . . .	98	14	112	62	8	70
62	Easthampton . . .	221	181	402	161	127	288
63	Athol . . .	109	84	193	49	44	93
64	Palmer . . .	130	128	258	98	85	183
65	North Attleborough . . .	179	113	292	61	52	113
66	Bridgewater . . .	62	31	93	52	29	81
67	Ware . . .	71	76	147	62	65	127
68	Braintree . . .	74	67	141	63	56	119
69	Northbridge . . .	225	119	344	159	99	258
70	Middleborough . . .	75	100	175	70	90	160
71	Milton . . .	20	15	35	15	12	27
72	Amesbury . . .	146	91	237	110	66	176
73	Belmont . . .	58	16	74	33	10	43
74	Andover . . .	100	87	187	60	43	103
75	Montague . . .	34	32	66	30	28	58
76	Marblehead . . .	39	9	48	30	6	36
77	Whitman . . .	64	36	100	31	23	54
78	Stoneham . . .	35	21	56	27	14	41
79	Swampscott . . .	28	16	44	14	9	23
80	Rockland . . .	100	41	141	64	35	99
81	Stoughton . . .	91	64	155	81	55	136
82	Reading . . .	62	57	119	40	47	87
83	Maynard . . .	61	6	67	37	4	41

# SCHOOL RETURNS

xliii

## POPULATION OR OVER — *Continued*

ISSUED TO PERSONS 14 TO 16 YEARS OF AGE, YEAR ENDING JUNE 30, 1919

PERSONS RECEIVING —			HOLDERS OF HOME PERMITS INCLUDED IN COLUMNS 114, 115, 116			DIFFERENT PERSONS 14 TO 16 YEARS OF AGE ENROLLED IN EVENING SCHOOL CLASSES AND HOLDING EITHER EMPLOYMENT CERTIFICATES OR HOME PERMITS		
HOME PERMITS			Boys	Girls	Total	Boys	Girls	Total
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
117	118	119	120	121	122	123	124	125
-	-	-	-	-	-	1	-	1
9	19	28	4	9	13	-	1	1
-	-	-	-	-	-	25	15	40
-	2	2	-	1	1	-	-	-
-	1	1	-	-	-	12	15	27
-	-	-	-	-	-	4	5	9
-	3	3	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
4	18	22	1	3	4	6	9	15
-	5	5	-	3	3	46	32	78
3	16	19	1	4	5	-	-	-
-	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	8	8	-	1	1	33	7	40
1	4	5	-	2	2	11	3	14
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	5	3	8
-	9	9	-	3	3	26	11	37
-	3	3	-	2	2	-	-	-
-	2	2	-	1	1	9	6	15
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	3	3	6
-	1	1	-	-	-	-	-	-
1	1	2	1	1	2	7	8	15
-	-	-	-	-	-	-	-	-
-	3	3	-	1	1	-	-	-
2	2	4	1	1	2	-	-	-
3	5	8	-	1	1	11	2	13
1	3	4	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-
-	1	1	3	-	3	-	-	-
-	-	-	-	-	-	-	-	-
-	1	1	-	1	1	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
19	17	36	-	-	-	-	3	3
-	2	2	-	2	2	-	-	-
2	4	6	2	-	2	1	-	1

## GROUP II. TOWNS OF 5,000

	TOWNS	MEMBERSHIP IN PUBLIC DAY							
		Kindergarten	ELEMENTARY						
			Special classes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
		126	127	128	129	130	131	132	133
39	Brookline . .	372	-	513	428	388	389	408	408
40	Westfield . .	228	15	447	449	373	385	348	266
41	Watertown . .	-	-	393	315	315	315	306	279
42	Gardner . .	-	-	360	292	280	253	267	253
43	Frammingham .	51	-	371	318	319	321	268	278
44	Arlington . .	322 <sup>1</sup>	-	340	245	373	316	291	247
45	Southbridge . .	-	-	268	135	158	123	121	111
46	Weymouth . .	-	-	333	266	288	272	277	295
47	Milford . .	-	-	351	309	290	286	255	249
48	Adams . .	203 <sup>1</sup>	-	192	187	174	188	153	143
49	Clinton . .	-	-	233	221	163	177	186	174
50	Plymouth . .	-	13	384	315	254	235	267	280
51	Wakefield . .	-	-	343	280	236	250	221	208
52	Winthrop . .	-	-	257	225	225	276	224	241
53	Greenfield . .	92	-	310	276	233	231	254	251
54	Webster . .	-	-	174	109	96	136	98	74
55	West Springfield .	124	20	364	252	227	239	236	266
56	Danvers . .	-	-	147	135	132	150	193	181
57	Natick . .	-	-	293	213	257	194	216	192
58	Dedham . .	-	-	325	272	247	229	243	228
59	Norwood . .	-	-	349	332	298	267	255	248
60	Saugus . .	-	-	266	268	273	267	239	249
61	Winchester . .	62	13	215	131	143	153	164	142
62	Easthampton . .	-	-	345	228	185	179	165	128
63	Athol . .	-	-	221	214	209	195	182	164
64	Palmer . .	-	-	316	283	250	216	192	182
65	North Attleborough	61 <sup>1</sup>	-	175	147	152	164	147	127
66	Bridgewater . .	39	20	169	170	149	134	125	107
67	Ware . .	-	-	352	184	176	143	133	128
68	Braintree . .	194	-	238	211	228	209	232	198
69	Northbridge . .	-	-	277	213	202	191	187	186
70	Middleborough . .	-	-	90	173	128	161	143	124
71	Milton . .	102	-	128	128	127	157	149	142
72	Amesbury . .	-	-	89	90	73	85	112	95
73	Belmont . .	-	-	219	174	160	163	151	154
74	Andover . .	-	-	106	120	107	127	84	120
75	Montague . .	-	-	216	154	175	108	101	140
76	Marblehead . .	69	36	139	120	100	97	127	130
77	Whitman . .	-	-	117	142	110	146	131	122
78	Stoneham . .	-	-	122	101	85	103	103	91
79	Swampscott . .	-	-	163	154	161	126	154	115
80	Rockland . .	-	-	143	142	130	129	125	122
81	Stoughton . .	-	-	153	135	122	121	116	111
82	Reading . .	-	-	164	128	188	181	141	140
83	Maynard . .	-	-	192	157	176	156	148	134

<sup>1</sup> Sub-primary.



## SCHOOL RETURNS

xlv

POPULATION OR OVER — *Continued*

SCHOOLS, BY GRADES, APRIL 1, 1919

SCHOOL				HIGH SCHOOL							Grand total
Grade 7, or first-year Junior High	Grade 8, or Junior 2	Grade 9, if in elementary school	Total	First year, or Junior 3	Second year	Third year	Fourth year	Fifth year, if any	Post-graduates	Total	
134	135	136	137	138	139	140	141	142	143	144	145
370	311	311	3,526	328	229	182	130	-	1	870	4,768
216	186	-	2,685	160	108	78	39	-	2	387	3,300
260	213	139	2,535	125	92	91	68	-	1	377	2,912
157	121	-	1,983	120	99	105	66	-	-	390	2,373
276	265	-	2,416	177	148	68	71	-	4	468	2,935
265	200	-	2,277	212	116	154	109	-	6	597	3,196
71	46	33	1,066	49	54	33	32	-	3	171	1,237
238	192	159	2,320	127	91	68	45	-	-	331	2,651
198	134	-	2,072	89	54	74	47	-	-	264	2,336
95	68	-	1,200	87	47	36	21	-	4	195	1,598
133	118	-	1,405	173	52	45	36	-	-	306	1,711
222	122	47	2,139	110	90	67	53	-	-	320	2,459
174	194	-	1,906	182	145	130	83	-	-	540	2,446
225	201	-	1,874	196	148	137	107	-	3	591	2,465
216	191	143	2,105	123	71	63	66	-	1	324	2,521
86	61	-	834	47	31	31	26	19	1	155	989
286	192	-	2,082	124	65	70	77	-	-	336	2,542
171	177	-	1,286	135	104	72	54	-	-	365	1,651
178	131	-	1,674	70	165	91	66	36	2	430	2,104
182	247	-	1,973	154	114	58	54	-	3	383	2,356
185	210	-	2,144	176	96	55	44	-	-	371	2,515
202	132	-	1,896	118	157	76	25	-	-	376	2,272
172	120	-	1,253	100	72	60	51	-	1	284	1,599
84	66	-	1,380	52	33	26	34	-	4	149	1,529
118	110	77	1,490	78	68	70	53	-	-	269	1,759
125	113	90	1,767	72	59	27	26	-	1	185	1,952
138	107	84	1,241	58	51	28	28	-	1	166	1,468
102	94	-	1,070	61	51	41	22	-	-	175	1,284
68	51	39	1,274	41	32	28	27	-	-	128	1,402
201	161	-	1,678	100	74	60	47	-	-	281	2,153
155	102	-	1,513	63	37	23	18	-	-	141	1,654
120	80	75	1,094	69	74	47	46	-	1	237	1,331
132	115	-	1,078	109	91	68	50	-	3	321	1,501
51	71	-	666	116	90	65	37	-	2	310	976
152	129	-	1,302	97	81	47	48	2	-	275	1,577
112	100	-	876	-	-	-	-	-	-	-	876
87	82	-	1,063	52	54	45	36	23	-	210	1,273
131	137	-	1,017	70	64	59	39	-	-	232	1,318
124	82	73	1,047	81	53	28	32	-	-	194	1,241
113	58	-	776	55	71	51	38	17	-	232	1,008
138	94	-	1,105	83	79	58	61	-	2	283	1,388
123	99	75	1,088	72	59	38	26	-	-	195	1,283
100	82	-	940	67	49	35	31	-	-	182	1,122
128	121	-	1,191	98	91	57	51	-	1	298	1,489
103	75	-	1,141	60	27	16	28	-	-	131	1,272

## GROUP II. TOWNS OF 5,000

	TOWNS	PRINCIPALS AND FULL-TIME						
		ELEMENTARY SCHOOL						Total
		Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	
		146	147	148	149	150	151	152
39	Brookline . . . .	1	3	97	20	21	1	143
40	Westfield . . . .	-	3	84	-	5	-	92
41	Watertown . . . .	-	4	56	4	9	-	73
42	Gardner . . . . .	-	-	44	-	8	-	52
43	Framingham . . . .	1	2	70	-	7	1	81
44	Arlington . . . . .	-	6	71	7	7	-	91
45	Southbridge . . . .	-	-	9	1	26	-	36
46	Weymouth . . . . .	1	-	44	10	8	-	63
47	Milford . . . . .	-	-	45	-	15	-	60
48	Adams . . . . .	-	-	36	5	4	-	45
49	Clinton . . . . .	-	-	20	16	6	-	42
50	Plymouth . . . . .	-	5	62	-	6	1	74
51	Wakefield . . . . .	1	-	52	1	14	-	68
52	Winthrop . . . . .	-	-	39	3	5	-	47
53	Greenfield . . . . .	-	1	49	4	11	-	65
54	Webster . . . . .	-	2	21	2	3	-	28
55	West Springfield . . .	-	1	49	7	7	-	64
56	Danvers . . . . .	1	1	35	3	5	-	45
57	Natick . . . . .	-	-	42	-	1	-	43
58	Dedham . . . . .	-	2	50	5	2	-	59
59	Norwood . . . . .	1	1	53	3	4	-	62
60	Saugus . . . . .	-	1	45	-	4	-	50
61	Winchester . . . . .	1	2	34	5	2	-	44
62	Easthampton . . . .	-	5	28	3	5	1	42
63	Athol . . . . .	-	-	22	10	6	-	38
64	Palmer . . . . .	-	-	42	-	5	1	48
65	North Attleborough . .	1	-	31	-	6	1	39
66	Bridgewater . . . . .	-	-	35	-	1	-	36
67	Ware . . . . .	-	1	16	1	17	-	35
68	Braintree . . . . .	-	1	38	6	7	-	52
69	Northbridge . . . . .	-	-	36	-	2	-	38
70	Middleborough . . . .	-	1	12	-	21	-	34
71	Milton . . . . .	-	1	32	4	7	-	44
72	Amesbury . . . . .	-	-	16	5	2	-	23
73	Belmont . . . . .	-	-	27	4	10	-	41
74	Andover . . . . .	-	2	21	1	6	-	30
75	Montague . . . . .	1	-	31	-	-	-	32
76	Marblehead . . . . .	-	-	32	1	3	-	36
77	Whitman . . . . .	-	-	22	2	3	-	27
78	Stoneham . . . . .	-	1	11	5	8	-	25
79	Swampscott . . . . .	-	-	24	1	3	-	28
80	Rockland . . . . .	-	-	14	2	9	1	26
81	Stoughton . . . . .	-	-	12	-	13	2	27
82	Reading . . . . .	-	2	22	8	2	-	34
83	Maynard . . . . .	-	1	29	-	2	-	32

¹ Also graduates of a business college.

# SCHOOL RETURNS

xlvii

## POPULATION OR OVER — *Continued*

TEACHERS, CLASSIFIED ACCORDING TO TRAINING, JAN. 1, 1919

HIGH SCHOOL							Grand Total
Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total	
153	154	155	156	157	158	159	160
1	24	11	3	2	2	43	186
-	18	-	-	-	-	18	110
-	16	2	-	-	-	18	91
-	14	1	-	3	-	18	70
-	16	5	-	1	-	22	103
5	16	6	-	2	-	29	120
-	6	3	-	-	-	9	45
-	11	1	-	2	-	14	77
-	9	1	-	3 <sup>1</sup>	-	13	73
-	7	-	-	1	-	8	53
-	8	1	-	4	-	13	55
-	15	-	-	-	-	15	89
2	18	3	-	-	-	23	91
-	22	5	-	2	-	29	76
-	15	1	-	1 <sup>2</sup>	-	17	82
-	7	1	-	-	-	8	36
-	12	-	2	1	-	15	79
2	10	2	-	-	-	14	59
-	13	-	-	-	-	13	56
-	12	2	-	-	-	14	73
-	13	2	-	-	-	15	77
-	10	8	1	1	-	20	70
1	17	-	-	-	-	18	62
-	7	-	-	1	-	8	50
-	8	2	1	1	-	12	50
1	5	2	-	1	-	9	57
1	5	3	-	-	-	9	48
-	9	-	-	-	-	9	45
-	6	-	-	1	-	7	42
1	7	3	-	-	-	11	63
-	5	1	-	1	-	7	45
-	6	1	-	3	-	10	44
1	14	6	-	-	-	21	65
-	12	4	-	-	-	16	39
1	9	3	-	3	-	16	57
-	-	-	-	-	-	-	30
-	12	-	-	-	-	12	44
-	7	3	-	-	-	10	46
2	5	-	-	2	-	9	36
-	10	2	-	-	-	12	37
-	15	-	-	-	-	15	43
-	8	-	-	2	-	10	36
-	8	-	-	-	-	8	35
1	10	4	-	-	-	15	49
-	6	-	-	1	-	7	39

<sup>2</sup> Also a graduate of a commercial school.

## GROUP II. TOWNS OF 5,000

	TOWNS	SCHOOL BUILDINGS IN USE, JAN. 1, 1919				ESTIMATED VALUE	
		One-room buildings	Two-room buildings	Buildings of three or more rooms	Total	ELEMENTARY	
						Sites	Buildings
		161	162	163	164	165	166
39	Brookline . . .	1	—	20	21	\$478,900	\$1,041,500
40	Westfield . . .	6	1	9	16	25,000	279,000
41	Watertown . . .	1	1	9	11	67,100	312,900
42	Gardner . . .	—	1	9	10	37,750	135,500
43	Framingham . . .	4	2	11	17	61,800	218,400
44	Arlington . . .	—	—	7	7	59,309	337,500
45	Southbridge . . .	5	—	6	11	20,900	85,000
46	Weymouth . . .	3	—	11	14	22,550	259,050
47	Milford . . .	7	1	11	19	25,000	285,000
48	Adams . . .	1	3	5	9	19,500	175,000
49	Clinton . . .	—	3	9	12	25,400	155,500
50	Plymouth . . .	11	4	7	22	8,000	252,000
51	Wakefield . . .	—	3	7	10	32,120	227,500
52	Winthrop . . .	—	—	5	5	35,050	166,000
53	Greenfield . . .	5	1	12	18	—	105,000
54	Webster . . .	2	—	5	7	5,100	76,100
55	West Springfield . . .	2	2	9	13	35,500	231,500
56	Danvers . . .	—	4	5	9	26,500	111,200
57	Natick . . .	1	1	8	10	13,750	50,000
58	Dedham . . .	—	2	7	9	38,000	240,000
59	Norwood . . .	—	2	6	8	50,000	220,000
60	Saugus . . .	1	2	11	14	26,002	145,080
61	Winchester . . .	—	2	8	10	53,500	109,000
62	Easthampton . . .	1	3	6	10	17,500	114,000
63	Athol . . .	3	1	6	10	18,000	175,000
64	Palmer . . .	4	2	5	11	15,000	200,000
65	North Attleborough . . .	3	—	8	11	20,060	161,530
66	Bridgewater . . .	1	3	3	7	8,000	69,000
67	Ware . . .	2	2	6	10	10,000	80,000
68	Braintree . . .	4	—	7	11	25,000	200,000
69	Northbridge . . .	2	2	7	11	29,200	148,220
70	Middleborough . . .	14	2	4	20	3,300	101,000
71	Milton . . .	—	2	6	8	27,000	249,950
72	Amesbury . . .	1	1	5	7	7,750	65,800
73	Belmont . . .	—	1	6	7	30,000	225,000
74	Andover . . .	2	3	5	10	10,000	120,000
75	Montague . . .	—	—	9	9	7,100	94,200
76	Marblehead . . .	—	—	6	6	75,000	225,500
77	Whitman . . .	—	—	6	6	20,000	98,000
78	Stoneham . . .	—	—	6	6	28,690	48,800
79	Swampscott . . .	—	—	5	5	31,000	180,300
80	Rockland . . .	2	5	3	10	4,500	31,900
81	Stoughton . . .	4	2	3	9	5,000	43,800
82	Reading . . .	—	1	6	7	10,000	125,000
83	Maynard . . .	—	—	4	4	15,000	125,000

## SCHOOL RETURNS

xlix

POPULATION OR OVER — *Continued*

OF PUBLIC SCHOOL PROPERTY						
SCHOOLS		HIGH SCHOOLS				Grand total
Equipment (furniture, apparatus, libraries, etc.)	Total	Sites	Buildings	Equipment (furniture, apparatus, libraries, etc.)	Total	
167	168	169	170	171	172	173
\$1,520,400	\$3,040,800	\$60,500	\$250,000	\$310,500	\$621,000	\$3,661,800
35,000	339,000	15,000	125,000	25,000	165,000	504,000
24,100	404,100	20,000	199,000	33,000	252,000	656,100
23,280	196,530	26,000	52,500	13,170	91,670	288,200
13,500	293,700	12,000	150,000	20,833	182,833	476,533
60,000	456,809	30,000	215,000	16,000	261,000	717,809
500	106,400	18,000	84,000	300	102,300	208,700
40,000	321,600	4,500	50,000	5,000	59,500	381,100
15,600	325,600	5,000	75,000	8,000	88,000	413,600
10,000	204,500	5,500	60,000	5,000	70,500	275,000
10,180	191,080	18,000	88,000	12,655	118,655	309,735
20,000	280,000	2,000	88,000	9,000	99,000	379,000
17,320	276,940	10,500	60,000	9,600	80,100	357,040
16,100	217,150	6,500	150,000	16,500	173,000	390,150
- 1	- 1	- 1	50,000	- 1	- 1	155,000
5,500	86,700	30,000	80,000	5,000	115,000	201,700
31,000	298,000	17,000	100,000	13,000	130,000	428,000
15,000	152,700	4,000	40,000	6,000	50,000	202,700
10,000	73,750	10,000	110,000	10,000	130,000	203,750
36,700	314,700	16,000	150,000	15,000	181,000	495,700
16,000	286,000	25,000	325,000	11,000	361,000	647,000
19,245	190,327	7,505	106,800	16,700	131,005	321,332
20,096	182,596	25,000	110,000	14,500	149,500	332,096
3,911	135,411	8,000	50,000	4,092	62,092	197,503
108,000	301,000	10,000	80,000	60,000	150,000	451,000
20,000	235,000	5,000	50,000	14,000	69,000	304,000
20,000	201,590	20,000	160,000	25,000	205,000	406,590
12,000	89,000	-	-	8,000	8,000	97,000
6,500	96,500	5,000	40,000	5,000	50,000	146,500
10,000	235,000	2,000	34,000	1,000	37,000	272,000
10,050	187,470	5,000	110,000	4,000	119,000	306,470
6,000	110,300	5,000	40,000	5,000	50,000	160,300
13,900	290,850	17,500	300,000	20,000	337,500	628,350
35,000	108,550	7,000	150,000	20,000	177,000	285,550
30,500	285,500	10,000	220,000	17,000	247,000	532,500
20,000	150,000	-	-	-	-	150,000
3,175	104,475	7,000	52,000	4,000	63,000	167,475
20,000	320,500	25,000	125,000	12,000	162,000	482,500
6,000	124,000	7,500	75,000	3,500	86,000	210,000
1,400	78,890	13,100	40,000	2,000	55,100	133,990
18,900	230,200	4,000	148,000	7,200	159,200	389,400
4,500	40,900	6,500	40,000	3,500	50,000	90,900
4,500	53,300	3,000	13,500	2,000	18,500	71,800
10,000	145,000	4,000	75,000	5,000	84,000	229,000
15,000	155,000	5,000	53,000	7,000	65,000	220,000

## DEPARTMENT OF EDUCATION

## GROUP II. TOWNS OF 5,000

TOWNS	Population, State Census, 1915	Valuation, as of April 1, 1918	TEACHING STAFF IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELE- MENTARY, HIGH — JAN. 1, 1919					
			SUPERVISORS		Principals	TEACHERS		
			Full time	Part time		Full time	Part time	
	1	2	3	4	5	6	7	
84 Hudson . . .	6,758	\$4,706,877	—	3	2	29	—	
85 Concord . . .	6,681	7,011,495	—	3	3	45	—	
86 Great Barrington . . .	6,627	7,507,835	—	—	1	44	—	
87 Needham . . .	6,542	9,628,600	2	—	—	43	1	
88 Franklin . . .	6,440	5,586,151	—	2	1	40	1	
89 Wellesley . . .	6,439	15,214,936	1	—	2	46	—	
90 Fairhaven . . .	6,277	6,142,974	2	2	2	39	—	
91 Ipswich . . .	6,272	5,637,281	—	2	2	34	—	
92 Ludlow . . .	6,251	7,009,136	—	3	—	36	8	
93 Grafton . . .	6,250	3,491,196	—	2	—	26	—	
94 Spencer . . .	5,994	3,560,080	—	2	1	20	—	
95 North Andover . . .	5,956	5,911,639	1	1	—	38	1	
96 Westborough . . .	5,925	3,354,521	1	—	1	20	2	
97 Winchendon . . .	5,908	4,534,970	1	1	1	36	—	
98 Mansfield . . .	5,772	5,320,635	—	4	1	36	—	
99 Abington . . .	5,646	3,747,694	1	1	3	29	—	
100 Canton . . .	5,623	5,447,390	—	2	1	24	—	
101 Amherst . . .	5,558	6,394,543	2	4	2	37	—	
102 Lexington . . .	5,538	8,527,367	—	4	1	42	—	
103 Walpole . . .	5,490	7,412,975	—	2	1	48	3	
104 Orange . . .	5,379	4,132,390	—	2	—	32	1	
105 Dartmouth . . .	5,330	5,902,800	—	—	—	36	—	
106 Millbury . . .	5,295	3,512,355	—	3	1	29	—	
107 Tewksbury . . .	5,265	2,781,586	—	3	—	10	—	
108 Hingham . . .	5,264	7,029,168	—	1	1	33	1	
109 Chelmsford . . .	5,182	5,010,625	—	2	1	35	—	
110 South Hadley . . .	5,179	4,739,751	—	2	1	34	1	
111 Wareham . . .	5,176	6,301,353	—	2	—	27	1	
112 Easton . . .	5,064	4,022,272	—	1	3	38	—	
113 Monson . . .	5,004	2,171,895	1	1	—	18	1	
Totals . . .	680,607	\$737,380,182	88	97	154	3,715 <sup>2</sup>	59	

<sup>1</sup> Estimated.

# SCHOOL RETURNS

li

## POPULATION OR OVER — *Continued*

PERSONS 5 TO 16 YEARS OF AGE, APRIL 1, 1919									ILLITERATE MINORS, 16 TO 21 YEARS OF AGE	
5 TO 7 YEARS			7 TO 14 YEARS			14 TO 16 YEARS			In registration of minors, April 1, 1919	Receiving employment certificates, year ending Aug. 31, 1918
In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership		
8	9	10	11	12	13	14	15	16	17	18
183	64	50	929	671	113	246	163	-	31	18
182	117	21	802	751	88	163	223	90	-	-
284	215	13	847	777	9	204	159	9	21	-
260 <sup>1</sup>	247	-	1,010	970	-	184	148	-	1	1
194	118	2	889	880	9	233	174	8	14	14
201	182	84	845	891	226	178	135	89	1	-
310	122	60	1,066	922	241	217	170	2	13	38
215	213	2	717	663	26	159	124	2	34	19
238	207	-	1,015	774	-	183	107	-	64	82
118	65	-	653	648	-	120	81	-	17	10
220 <sup>1</sup>	81	93	710 <sup>1</sup>	404	295	229	65	13	-	2
207	160	-	802	824	-	200	125	-	-	3
110	71	-	469	467	-	111	49	4	-	-
122	192	-	755	721	-	198	146	-	4	2
209	77	-	794	787	-	176	156	-	-	-
130	129	-	742	606	-	154	165	-	-	-
190	39	49	700 <sup>1</sup>	449	231	200 <sup>1</sup>	135	15	-	4
80	73	-	663	653	9	213	195	-	4	1
297	224	10	921	923	1	200	186	-	3	-
242	228	-	831	827	-	143	138	-	-	2
141	53	-	703	722	-	179 <sup>1</sup>	159	-	-	1
323	144	-	1,069	920	-	218	61	-	16	16
157	38	-	776	757	-	195	99	-	-	2
91	36	-	284	244	-	73	27	-	-	-
176	123	15	605	548	57	175	156	10	2	1
158	136	-	713	702	-	127	104	-	-	-
214 <sup>1</sup>	124	-	709	709	-	222	116	-	2	2
178	64	-	603	703	-	126	114	-	-	-
149	104	-	714	691	-	137	130	-	9	8
83	64	-	549	451	2	161	63	30	-	-
23,558	15,400	2,258	92,121	79,867	11,305	21,993	15,167	1,700	847	845

<sup>2</sup> Some full-time teachers serve as part-time teachers in elementary schools and in high schools.

## DEPARTMENT OF EDUCATION

## GROUP II. TOWNS OF 5,000

TOWNS		PUPILS IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — YEAR ENDING JUNE 30, 1919						
		Pupils enrolled	Aggregate days' attendance	Average daily attendance	Average number of days in session	Average membership	Pupils for whom town pays tuition for not less than half of school year	Nonresidents who attended not less than half of school year
		19	20	21	22	23	24	25
84	Hudson . . .	1,010	147,125	868	169	948	—	24
85	Concord . . .	1,258	208,668	1,044	171	1,148	—	145
86	Great Barrington . . .	1,404	190,182	1,174	164	1,279	—	50
87	Needham . . .	1,513	202,959	1,285	159	1,395	—	7
88	Franklin . . .	1,287	181,399	1,137	160	1,274	3	32
89	Wellesley . . .	1,177	161,159	979	165	1,083	7	12
90	Fairhaven . . .	1,287	185,065	1,095	169	1,175	—	53
91	Ipswich . . .	1,031	136,453	863	158	952	—	39
92	Ludlow . . .	1,120	153,722	889	171	998	—	14
93	Grafton . . .	834	118,670	697	170	766	—	3
94	Spencer . . .	592	97,310	531	183	552	—	10
95	North Andover . . .	1,198	175,008	1,046	167	1,130	2	2
96	Westborough . . .	672	95,444	555	172	607	—	15
97	Winchendon . . .	1,131	162,018	905	174	1,033	5	6
98	Mansfield . . .	1,128	167,481	971	172	1,061	—	—
99	Abington . . .	1,006	144,903	902	157	960	9	17
100	Canton . . .	700	97,924	590	167	641	—	19
101	Amherst . . .	1,086	150,393	933	161	1,043	2	96
102	Lexington . . .	1,361	192,888	1,186	163	1,277	—	54
103	Walpole . . .	1,336	197,874	1,215	165	1,262	—	46
104	Orange . . .	1,014	141,413	857	165	950	—	36
105	Dartmouth . . .	1,167	150,193	975	154	1,089	10	4
106	Millbury . . .	1,020	145,320	849	171	941	7	10
107	Tewksbury . . .	366	49,666	297	164	322	52	3
108	Hingham . . .	970	136,377	782	174	879	—	35
109	Chelmsford . . .	1,060	141,247	876	161	974	—	12
110	South Hadley . . .	1,072	142,131	889	160	985	—	16
111	Wareham . . .	930	142,873	758	188	834	—	14
112	Easton . . .	1,092	151,857	915	166	1,030	—	27
113	Monson . . .	590	81,840	513	160	558	30	11
	Totals . . .	121,364	17,073,540	103,335	165	112,473	258	2,536



## SCHOOL RETURNS

liii

POPULATION OR OVER — *Continued*

Net average membership (Column 23+24+25)	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS — DAY, EVENING, VACATION — YEAR ENDING JUNE 30, 1919				
	INSTRUCTION				Operation of school plant, — janitor service, fuel and miscellaneous ex- penses.
	General control	Salaries and expenses of supervisors, prin- cipals and teachers	Textbooks	Stationery, supplies and other expenses of instruction.	
26	27	28	29	30	31
924	\$1,625 78	\$26,566 75	\$648 74	\$875 48	\$7,367 56
1,003	5,228 75	52,229 02	1,727 02	3,625 00	17,871 39
1,229	2,637 74	31,384 54	1,564 15	3,540 56	8,978 14
1,388	3,200 03	39,644 00	2,777 43	2,236 19	9,908 05
1,245	2,705 62	32,621 28	1,285 77	2,176 90	10,342 73
1,078	5,163 35	50,230 77	1,937 99	4,200 16	14,842 58
1,122	2,118 01	38,900 79	1,316 41	2,674 36	12,646 62
913	2,900 00	28,099 00	1,284 00	3,072 00	8,511 09
984	3,161 35	34,432 35	665 10	1,524 32	8,992 00
763	1,777 37	17,019 16	332 35	775 16	5,675 06
542	1,447 78	14,858 10	471 73	490 74	4,423 06
1,130	1,532 76	36,753 90	1,012 61	1,623 57	14,576 67
592	1,074 47	19,750 00	655 95	1,143 45	3,729 75
1,032	1,576 39	27,088 67	1,033 37	1,739 31	8,436 38
1,061	2,893 68	34,489 89	1,400 60	1,574 13	8,499 01
952	1,599 98	31,840 00	822 92	1,322 32	7,659 47
622	2,324 29	25,022 21	506 25	882 82	7,222 93
949	3,284 00	32,004 98	1,606 39	1,451 60	5,692 19
1,223	1,635 17	39,042 59	1,184 33	2,696 24	11,350 42
1,216	3,970 57	39,392 69	1,443 18	2,179 61	9,332 48
914	2,136 73	23,232 53	1,012 45	2,116 97	6,923 99
1,095	2,117 23	22,613 77	629 78	954 56	7,268 58
938	2,080 83	21,428 51	820 72	1,202 16	5,800 17
371	956 77	6,846 65	277 75	517 00	3,523 46
844	3,021 31	34,627 01	1,718 35	2,827 37	9,949 09
962	2,559 15	25,756 92	1,583 87	1,709 92	14,781 23
969	2,197 05	25,542 30	959 22	989 28	8,040 61
820	1,495 14	20,552 10	1,610 25	3,757 25	6,046 42
1,003	2,508 17	33,101 82	770 15	1,677 78	8,202 33
577	1,662 85	12,957 44	235 59	595 69	2,692 90
-	\$239,830 56	\$3,560,977 92	\$115,965 47	\$180,115 38	\$943,238 11

## GROUP II. TOWNS OF 5,000

		ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS ENDING JUNE				
TOWNS .		Repairs, replacement and upkeep.	Libraries	Promotion of health	TRANSPORTATION	
					To schools within town	To schools in other towns or cities
		32	33	34	35	36
84	Hudson . . .	\$521 60	\$81 00	\$316 00	\$1,134 86	-
85	Concord . . .	3,146 77	-	501 72	4,818 00	-
86	Great Barrington . .	1,582 52	-	50 00	2,052 78	\$23 00
87	Needham . . .	3,291 56	29 50	337 50	1,592 00	-
88	Franklin . . .	1,358 84	-	205 75	3,149 03	-
89	Wellesley . . .	1,164 34	142 70	939 89	1,719 32	-
90	Fairhaven . . .	1,431 42	-	150 00	1,875 50	-
91	Ipswich . . .	372 91	-	250 00	1,900 00	-
92	Ludlow . . .	2,277 65	-	255 00	4,465 50	-
93	Grafton . . .	2,459 60	-	300 00	4,326 56	-
94	Spencer . . .	730 26	-	37 00	1,878 05	-
95	North Andover . .	1,642 58	50 00	165 00	832 63	70 00
96	Westborough . . .	324 72	-	250 00	3,403 69	-
97	Winchendon . . .	2,387 49	-	105 60	1,936 05	-
98	Mansfield . . .	1,511 88	66	511 03	2,694 00	-
99	Abington . . .	1,849 57	-	200 00	1,525 00	-
100	Canton . . .	674 96	-	657 42	1,236 50	-
101	Amherst . . .	1,798 26	-	764 65	3,206 19	-
102	Lexington . . .	1,330 01	-	759 09	5,691 12	-
103	Walpole . . .	3,590 33	44 06	1,025 27	4,782 40	-
104	Orange . . .	860 05	-	209 35	4,508 37	-
105	Dartmouth . . .	862 80	-	300 00	5,488 75	-
106	Millbury . . .	656 61	26 93	259 75	2,666 11	-
107	Tewksbury . . .	1,259 73	-	100 00	2,191 78	744 80
108	Hingham . . .	2,727 96	-	500 00	2,789 40	-
109	Chelmsford . . .	1,812 01	-	250 00	8,270 50	-
110	South Hadley . . .	445 00	-	54 00	2,919 54	-
111	Wareham . . .	2,952 21	-	200 00	3,069 01	-
112	Easton . . .	1,022 43	16 67	225 00	5,324 50	-
113	Monson . . .	548 91	-	227 45	1,127 23	180 00
	Totals . . .	\$204,355 43	\$1,817 21	\$52,406 13	\$170,589 04	\$1,296 73

## SCHOOL RETURNS

lv

POPULATION OR OVER — *Continued*

— DAY, EVENING, VACATION — YEAR 30, 1919 — Con.			EXPENDITURES FOR OUTLAY, YEAR ENDING JUNE 30, 1919		
Tuition	Miscellaneous	Total for support	New grounds, buildings and alterations	New equipment	Total for outlay
37	38	39	40	41	42
\$124 11	\$214 76	\$39,476 64	-	-	-
-	211 37	89,359 04	\$506 37	\$901 00	\$1,407 37
-	233 52	52,046 95	-	539 83	539 83
-	248 88	63,265 14	297 39	918 71	1,216 10
31 50	1,028 07	54,905 49	1,000 00	-	1,000 00
345 00	1,917 58	82,603 68	1,613 98	898 79	2,512 77
-	1,406 08	62,519 19	-	177 73	177 73
-	-	46,389 00	118 42	-	118 42
105 50	422 33	56,301 10	-	182 33	182 33
-	261 50	32,926 76	-	404 70	404 70
-	340 76	24,677 48	-	-	-
240 00	183 09	58,682 81	46 64	986 95	1,033 59
18 30	158 40	30,508 73	-	-	-
101 00	757 57	45,161 83	-	-	-
-	1,063 78	54,638 66	13,615 12	3,173 66	16,788 78
230 85	326 59	47,376 70	-	50 00	50 00
-	432 98	38,960 36	-	80 46	80 46
76 65	481 06	50,365 97	-	-	-
-	452 02	64,140 99	-	-	-
-	1,615 24	67,375 83	-	1,452 20	1,452 20
36 00	81 09	41,117 53	-	-	-
1,293 75	190 60	41,719 82	-	348 58	348 58
-	-	34,941 79	-	-	-
2,460 66	682 91	19,561 51	1,026 25	-	1,026 25
159 75	97 29	58,417 53	-	212 31	212 31
-	168 44	56,892 04	2,190 13	95 00	2,285 13
-	851 36	41,998 36	-	147 97	147 97
-	395 11	40,077 49	-	354 22	354 22
-	113 63	52,962 48	176 66	362 48	539 14
792 60	283 57	21,304 23	-	-	-
\$10,230 54	\$49,306 55	\$5,530,129 07	\$465,787 23	\$61,530 53	\$527,317 76

## GROUP II. TOWNS OF 5,000

		EXPENDITURE FOR SUPPORT OF PUBLIC SCHOOLS — DAY, YEAR ENDING					
		FROM LOCAL TAXATION			FROM STATE AID (INCLUDING INCOME FROM MASSACHUSETTS SCHOOL FUND)		
		Amount	Per pupil in av- erage men- bership	Rank	Amount	Per pupil in av- erage men- bership	Rank
	TOWNS	43	44	45	46	47	48
84	Hudson . . .	\$36,765 91	\$38 78	206	-	-	-
85	Concord . . .	65,308 49	56 89	54	-	-	-
86	Great Barrington	47,269 18	36 96	229	-	-	-
87	Needham . . .	58,957 64	42 26	169	-	-	-
88	Franklin . . .	52,901 06	41 52	173	-	-	-
89	Wellesley . . .	74,255 51	68 56	21	-	-	-
90	Fairhaven . . .	25,674 76	21 85	335	-	-	-
91	Ipswich . . .	46,313 48	48 65	98	-	-	-
92	Ludlow . . .	45,420 10	45 51	122	-	-	-
93	Grafton . . .	33,235 20	43 39	155	-	-	-
94	Spencer . . .	22,643 37	41 02	181	-	-	-
95	North Andover .	52,604 39	46 55	112	-	-	-
96	Westborough . .	28,197 16	46 45	113	-	-	-
97	Winchendon . .	34,069 68	32 98	273	-	-	-
98	Mansfield . . .	52,121 77	49 13	96	-	-	-
99	Abington . . .	46,664 70	48 61	99	-	-	-
100	Canton . . .	38,028 84	59 33	43	-	-	-
101	Amherst . . .	46,832 41	44 90	130	-	-	-
102	Lexington . . .	56,092 82	43 93	149	-	-	-
103	Walpole . . .	62,571 10	49 58	92	-	-	-
104	Orange . . .	35,430 50	37 30	224	-	-	-
105	Dartmouth . . .	40,961 42	37 61	220	-	-	-
106	Millbury . . .	31,861 92	33 86	261	\$750 00	\$0 80	214
107	Tewksbury . . .	15,519 59	48 20	101	2,406 26	7 47	132
108	Hingham . . .	50,491 87	57 44	50	-	-	-
109	Chelmsford . . .	51,851 14	53 24	67	-	-	-
110	South Hadley . .	37,617 04	38 19	212	-	-	-
111	Wareham . . .	38,392 84	46 03	117	-	-	-
112	Easton . . .	45,470 70	44 15	145	-	-	-
113	Monson . . .	16,913 86	30 31	297	1,979 65	3 55	179
	Totals . . .	\$5,045,108 98	\$44 86	-	\$5,135 91	\$0 05	-

## SCHOOL RETURNS

lvii

POPULATION OR OVER — *Continued*

EVENING, VACATION — CLASSIFIED AS TO SOURCE, DEC. 31, 1918					INCOME FROM MASSACHUSETTS SCHOOL FUND	
From tuition and trans- portation of State wards	Amount from other sources	FROM ALL SOURCES			Paid to town Jan. 25, 1918	Balance unexpended, Dec. 31, 1918
		Amount	Per pupil in av- erage mem- bership	Rank		
49	50	51	52	53	54	55
\$285 96	\$1,196 52	\$38,248 39	\$40 35	288	-	-
224 37	17,171 61	82,704 47	72 04	47	-	-
-	2,218 98	49,488 16	38 69	308	-	-
157 50	7 85	59,122 99	42 38	266	-	-
353 50	989 60	54,244 16	42 58	265	-	-
112 50	2,094 80	76,462 81	70 60	55	-	-
-	30,029 94	55,704 70	47 41	204	-	-
-	-	46,313 48	48 65	193	-	-
-	1,182 48	46,602 58	46 69	212	-	-
186 75	-	33,421 95	43 63	253	-	-
159 75	716 64	23,519 76	42 61	264	-	-
90 00	597 50	53,291 89	47 16	208	-	-
127 20	374 60	28,698 96	47 28	207	-	-
42 00	11,049 12	45,160 80	43 72	251	-	-
-	62 03	52,183 80	49 18	185	-	-
191 25	570 75	47,426 70	49 40	183	-	-
312 00	126 64	38,467 48	60 01	109	-	-
744 60	3,408 77	50,985 78	48 88	188	-	-
238 70	3,812 83	60,144 35	47 10	209	-	-
43 50	1,886 91	64,501 51	51 11	168	-	-
236 25	781 95	36,448 70	38 37	314	-	-
-	433 95	41,395 37	38 01	316	-	-
-	-	32,611 92	34 66	336	-	-
39 00	208 49	18,173 34	56 44	128	-	-
-	2,316 40	52,808 27	60 08	108	-	-
217 50	131 96	52,200 60	53 59	147	-	-
15 00	867 61	38,499 65	39 09	306	-	-
-	1,684 65	40,077 49	48 05	196	-	-
287 63	6,281 11	52,039 44	50 52	173	-	-
366 00	19 00	19,278 51	34 55	337	\$1,104 65	-
\$18,717 77	\$171,057 48	\$5,240,020 14	\$46 59	-	\$1,104 65	-

## GROUP II. TOWNS OF 5,000

TOWNS		VALUATION OF 1918 PER PUPIL IN NET AVERAGE MEMBERSHIP, YEAR ENDING JUNE 30, 1919		EXPENDITURE FOR SCHOOL SUPPORT FROM LOCAL TAXATION, YEAR ENDING DEC. 31, 1918, PER \$1,000 VALUATION		RATE OF TOTAL TAX PER \$1,000 VALUATION, 1918	
		Amount	Rank	Amount	Rank	Amount	Rank
		56	57	58	59	60	61
84	Hudson . . .	\$5,094	239	\$7 81	106	\$23 00	55
85	Concord . . .	6,991	131	9 31	30	23 80	42
86	Great Barrington . .	6,109	177	6 30	191	9 80	344
87	Needham . . .	6,937	134	6 12	206	15 00	288
88	Franklin . . .	4,487	279	9 47	27	20 00	149
89	Wellesley . . .	14,114	18	4 88	287	12 80	310
90	Fairhaven . . .	5,475	218	4 18	320	20 00	147
91	Ipswich . . .	6,174	171	8 22	76	22 40	74
92	Ludlow . . .	7,123	122	6 48	174	16 00	266
93	Grafton . . .	4,576	275	9 52	26	18 50	196
94	Spencer . . .	6,568	153	6 36	183	18 00	218
95	North Andover . .	5,231	233	8 90	43	22 80	61
96	Westborough . . .	5,666	205	8 41	65	20 50	134
97	Winchendon . . .	4,394	287	7 51	120	25 00	30
98	Mansfield . . .	5,014	245	9 80	18	22 00	86
99	Abington . . .	3,936	312	12 45	2	23 50	46
100	Canton . . .	8,757	67	6 98	149	18 00	209
101	Amherst . . .	6,738	138	7 32	129	20 00	140
102	Lexington . . .	6,972	132	6 58	168	25 00	26
103	Walpole . . .	6,096	178	8 44	63	19 00	184
104	Orange . . .	4,521	277	8 57	58	22 00	87
105	Dartmouth . . .	5,390	221	6 94	151	18 00	210
106	Millbury . . .	3,744	322	9 07	35	21 00	113
107	Tewksbury . . .	7,497	108	5 53	246	17 30	235
108	Hingham . . .	8,328	78	7 18	140	18 50	198
109	Chelmsford . . .	5,208	236	10 35	13	22 00	81
110	South Hadley . . .	4,891	256	7 94	100	19 00	183
111	Wareham . . .	7,684	98	6 09	208	17 50	232
112	Easton . . .	4,010	307	11 30	4	12 20	317
113	Monson . . .	3,892	316	7 78	108	21 60	98
	Totals . . .	\$6,556	—	\$6 84	—	—	—

<sup>1</sup> For tuition.

POPULATION OR OVER — *Continued*

EVENING AND VACATION SCHOOLS, YEAR ENDING JUNE 30, 1919

EVENING ELEMENTARY SCHOOLS			EVENING HIGH SCHOOLS			VACATION SCHOOLS		
Teachers	Pupils enrolled	for Expenditure support	Teachers	Pupils enrolled	for Expenditure support	Teachers	Pupils enrolled	for Expenditure support
62	63	64	65	66	67	68	69	70
3	52	\$290 00	1	29	\$107 25	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2	15	210 00	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1	16	447 00	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
7	60	695 00	-	-	-	-	-	-
16	248	1,740 34	-	-	105 50 <sup>1</sup>	-	-	-
-	-	-	-	-	-	-	-	-
-	-	60 00 <sup>1</sup>	-	-	120 00 <sup>1</sup>	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
4	75	147 00	-	-	-	-	-	-
-	-	-	-	-	34 88 <sup>2</sup>	-	-	-
-	-	-	7	58	914 51	1	26	\$100 00
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1	12	60 00	-	-	-	1	30	46 00
165	2,245	\$17,830 79	76	1,463	\$10,137 84	68	1,972	\$5,843 70

<sup>2</sup> Expended for textbooks, etc., for 1917-18.

## GROUP II. TOWNS OF 5,000

	TOWNS	YEAR GRADES IN —			PUBLIC DAY ELEMENTARY SCHOOLS				
		Elementary school	Junior high school, if any	Senior high school	PRINCIPALS		TEACHERS		
							FULL TIME		Part time
					Men	Women	Men	Women	
		71	72	73	74	75	76	77	78
84	Hudson . . . .	8	—	5	1	—	1	20	—
85	Concord . . . .	8	—	4	1	1	—	25	—
86	Great Barrington . . . .	8	4	—	—	—	1	34	—
87	Needham . . . .	8	—	4	—	—	1	34	1
88	Franklin . . . .	6	2	4	—	—	—	33	—
89	Wellesley . . . .	6	2	4	1	—	3	32	—
90	Fairhaven . . . .	8	—	4	—	1	—	25	—
91	Ipswich . . . .	6	2	4	—	1	1	25	—
92	Ludlow . . . .	9	—	4	—	—	—	32	5
93	Grafton . . . .	8	—	4	—	—	1	20	—
94	Spencer . . . .	9	—	4	—	—	1	15	—
95	North Andover . . . .	9	—	4	—	—	—	31	—
96	Westborough . . . .	8	—	4	—	—	—	14	2
97	Winchendon . . . .	8	—	5	—	—	—	29	—
98	Mansfield . . . .	6	2	4	—	—	1	26	—
99	Abington . . . .	8	—	4	2	—	—	20	—
100	Canton . . . .	8	—	4	—	—	—	16	—
101	Amherst . . . .	7	2	4	1	—	—	27	—
102	Lexington . . . .	8	—	4	—	—	—	31	—
103	Walpole . . . .	8	—	4	—	—	4	33	2
104	Orange . . . .	8	—	4	—	—	—	23	1
105	Dartmouth . . . .	8	—	2	—	—	—	31	—
106	Millbury . . . .	8	—	4	—	—	1	21	—
107	Tewksbury . . . .	8	—	—	—	—	—	10	—
108	Hingham . . . .	6	2	4	—	—	1	23	1
109	Chelmsford . . . .	8	—	4	—	—	—	27	—
110	South Hadley . . . .	8	—	4	—	—	—	28	—
111	Wareham . . . .	8	—	4	—	—	—	21	1
112	Easton . . . .	6	3	3	—	2	—	27	—
113	Monson . . . .	9	—	—	—	—	—	18	1
	Totals . . . .	—	—	—	46	45	50	2,831	37



# SCHOOL RETURNS

lxi

## POPULATION OR OVER — *Continued*

(INCLUDING FIRST TWO YEARS OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

PUPILS ENROLLED		Aggregate days' attendance	Average number of days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of principals, supervisors and teachers	Expenditure for textbooks
Boys	Girls				Amount	Per pupil in average membership of elementary schools		
79	80	81	82	83	84	85	86	87
419	407	121,291	170	781	\$24,468 93	\$31 33	\$16,706 50	\$365 75
458	442	155,771	171	809	45,255 58	55 94	27,854 21	1,014 32
587	558	153,855	160	1,034	33,529 88	32 43	22,342 54	1,068 88
692	654	178,381	158	1,228	46,382 06	37 77	30,594 00	1,976 33
576	551	157,422	159	1,121	39,494 09	35 23	24,418 12	897 79
452	482	126,579	164	863	52,796 57	61 17	34,038 12	1,254 03
514	547	151,069	169	966	34,556 07	35 77	22,844 79	901 70
429	434	115,466	156	802	28,020 14	34 94	17,465 67	754 00
525	521	143,681	173	934	44,036 59	47 15	28,910 85	493 25
390	367	106,165	169	693	22,588 33	32 59	12,248 24	98 67
267	242	84,663	184	475	17,033 25	35 86	10,535 10	341 00
526	520	152,394	167	989	43,282 22	43 76	27,953 90	642 94
285	262	76,144	171	490	20,088 09	41 00	12,250 00	430 75
485	419	125,481	174	838	29,949 61	35 74	18,954 91	321 54
473	426	134,560	172	843	35,712 76	42 36	23,735 93	808 92
387	375	109,786	157	737	29,682 92	40 28	20,510 00	422 92
268	261	73,759	167	485	22,334 07	46 05	14,750 09	200 15
423	378	112,923	161	791	29,340 34	37 09	18,917 50	871 39
573	526	153,690	162	1,032	42,786 62	41 46	23,993 34	745 09
541	534	162,320	163	1,029	46,389 61	45 08	28,527 75	971 83
411	421	113,744	164	772	26,416 03	34 22	15,187 96	477 80
571	537	142,504	154	1,039	32,229 27	31 02	18,039 27	549 39
426	455	124,312	170	811	22,594 61	27 86	14,484 76	457 52
182	184	49,666	164	322	15,399 28	47 82	6,846 65	277 75
390	359	103,059	174	670	37,126 86	55 41	21,273 64	993 41
439	468	119,324	160	832	38,233 71	45 95	17,316 92	1,309 34
456	458	119,694	158	842	28,721 13	34 11	18,630 48	530 05
368	403	120,191	192	689	26,575 98	38 57	15,208 55	1,062 76
436	433	122,365	166	839	32,757 05	39 04	22,620 14	456 27
293	297	81,840	160	558	19,235 38	34 47	12,871 44	235 59
51,620	50,417	14,297,898	-	94,791	\$3,773,784 77	\$39 81	\$2,509,972 26	\$74,873 66

## GROUP II. TOWNS OF 5,000

TOWNS		Number of high schools	PUBLIC DAY HIGH SCHOOLS (INCLUDING						
			PRINCIPALS		TEACHERS			PUPILS ENROLLED	
					FULL TIME		Part time		
					Men	Women			
		88	89	90	91	92	93	94	95
84	Hudson . . .	1	1	-	1	7	-	74	110
85	Concord . . .	1	1	-	5	15	-	147	211
86	Great Barrington . . .	1	1	-	2	7	-	83	176
87	Needham . . .	1	-	-	1	7	-	70	97
88	Franklin . . .	1	1	-	1	6	1	57	103
89	Wellesley . . .	1	1	-	3	8	-	108	135
90	Fairhaven . . .	1	1	-	2	12	-	109	117
91	Ipswich . . .	1	1	-	-	8	-	74	94
92	Ludlow . . .	1	-	-	1	3	3	38	36
93	Grafton . . .	1	-	-	1	4	-	29	48
94	Spencer . . .	1	1	-	-	4	-	31	52
95	North Andover . . .	1	-	-	-	7	1	64	88
96	Westborough . . .	1	1	-	1	5	-	36	89
97	Winchendon . . .	1	1	-	1	6	-	93	134
98	Mansfield . . .	1	1	-	-	9	-	104	125
99	Abington . . .	1	1	-	1	8	-	108	136
100	Canton . . .	1	1	-	-	8	-	76	95
101	Amherst . . .	1	1	-	2	8	-	109	176
102	Lexington . . .	1	1	-	1	10	-	100	162
103	Walpole . . .	1	1	-	1	10	1	108	153
104	Orange . . .	1	-	-	4	5	1	86	96
105	Dartmouth . . .	3	-	-	3	2	-	29	30
106	Millbury . . .	1	1	-	1	6	-	53	86
107	Tewksbury . . .	-	-	-	-	-	-	-1	-1
108	Hingham . . .	1	1	-	2	7	-	95	126
109	Chelmsford . . .	1	1	-	2	6	-	68	85
110	South Hadley . . .	1	1	-	-	6	1	55	103
111	Wareham . . .	1	-	-	1	5	-	55	104
112	Easton . . .	1	1	-	4	7	-	88	135
113	Monson . . .	-	-	-	-	-	-	-2	-2
Totals . . .		75	62	1	150	684	24	8,283	11,044

<sup>1</sup> Expended \$3,205.46 for 52 pupils in Lowell High School, of which \$1,230.33 is reimbursed by the State.

<sup>2</sup> Many pupils attend Monson Academy.

# SCHOOL RETURNS

lxiii

## POPULATION OR OVER — *Continued*

THIRD YEAR OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

Aggregate days' attendance	Days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of prin- cipals, supervisors and teachers	Expenditure for textbooks
			Amount	Per pupil in aver- age member- ship of high school		
96	97	98	99	100	101	102
25,834	169	167	\$12,984 68	\$77 75	\$9,512 25	\$282 99
52,897	170	339	38,874 71	114 67	24,374 81	712 70
36,327	167	245	15,879 33	64 81	9,042 00	495 27
24,578	160	167	13,473 05	80 68	8,840 00	801 10
23,977	166	153	12,705 78	83 04	8,203 16	387 98
34,580	168	220	24,196 76	109 99	16,072 65	683 96
33,996	169	209	25,845 11	123 66	16,056 00	414 71
20,987	163	150	14,773 86	98 49	9,958 33	510 00
10,041	168	64	7,257 32	113 40	4,070 50	151 85
12,505	179	73	8,561 06	117 27	4,770 92	233 68
12,647	177	77	6,196 45	80 47	4,323 00	130 73
22,614	170	141	13,687 83	97 03	8,800 00	369 67
19,300	175	117	9,346 17	79 88	7,500 00	225 20
36,537	173	195	13,635 83	69 93	8,133 76	711 83
32,921	172	218	16,032 22	73 54	10,753 96	591 68
35,117	157	223	16,093 80	72 17	11,330 00	400 00
24,165	168	156	14,155 00	90 74	10,125 12	306 10
37,470	161	252	17,706 75	77 85	13,087 48	735 00
39,198	166	245	19,619 20	80 08	14,949 25	439 24
35,554	165	233	16,101 14	69 10	10,142 26	449 71
27,669	169	178	12,564 77	70 59	8,044 57	534 65
7,689	164	50	7,373 32	147 47	4,574 50	80 39
21,008	174	130	10,266 35	78 97	6,943 75	363 20
—	—	—	— <sup>1</sup>	—	—	—
33,318	174	209	18,269 36	87 41	13,353 37	724 94
21,923	166	142	16,099 18	113 37	8,440 00	274 53
22,437	167	143	11,080 18	77 48	6,911 82	429 17
22,682	170	145	12,006 37	82 80	5,343 55	547 49
29,492	165	191	17,697 26	92 66	10,481 68	313 88
—	—	—	— <sup>3</sup>	—	—	—
2,775,642	—	17,682	\$1,479,195 95	\$83 66	\$1,022,714 54	\$40,750 16

<sup>3</sup> Expended \$300 for tuition of 4 pupils in high schools of other towns.

## GROUP II. TOWNS OF 5,000

	TOWNS	EMPLOYMENT CERTIFICATES AND HOME PERMITS					
		EMPLOYMENT CERTIFICATES ISSUED			DIFFERENT		
		To boys	To girls	Total	EMPLOYMENT CERTIFICATES		
					Boys	Girls	Total
		111	112	113	114	115	116
84	Hudson . . .	135	78	213	113	69	182
85	Concord . . .	25	20	45	19	15	34
86	Great Barrington . . .	36	12	48	27	12	39
87	Needham . . .	21	39	60	19	38	57
88	Franklin . . .	88	51	139	55	38	93
89	Wellesley . . .	43	21	64	27	18	45
90	Fairhaven . . .	175	101	276	49	40	89
91	Ipswich . . .	83	19	102	54	15	69
92	Ludlow . . .	128	71	199	88	64	152
93	Grafton . . .	39	19	58	35	15	50
94	Spencer . . .	61	40	101	55	35	90
95	North Andover . . .	125	92	217	80	56	136
96	Westborough . . .	45	32	77	41	30	71
97	Winchendon . . .	69	71	140	57	58	115
98	Mansfield . . .	42	35	77	30	29	59
99	Abington . . .	105	27	132	34	17	51
100	Canton . . .	155	67	222	38	12	50
101	Amherst . . .	18	20	38	8	6	14
102	Lexington . . .	21	13	34	11	4	15
103	Walpole . . .	37	23	60	33	21	54
104	Orange . . .	33	7	40	31	6	37
105	Dartmouth . . .	100	43	143	63	34	97
106	Millbury . . .	108	70	178	52	42	94
107	Tewksbury . . .	18	17	35	14	13	27
108	Hingham . . .	14	5	19	9	4	13
109	Chelmsford . . .	74	51	125	58	40	98
110	South Hadley . . .	86	66	152	63	41	104
111	Wareham . . .	42	17	59	34	14	48
112	Easton . . .	56	35	91	43	25	68
113	Monson . . .	20	23	43	15	19	34
	Totals . . .	7,914	5,136	13,050	4,921	3,419	8,340

# SCHOOL RETURNS

lxxv

## POPULATION OR OVER — *Continued*

ISSUED TO PERSONS 14 TO 16 YEARS OF AGE, YEAR ENDING JUNE 30, 1919

PERSONS RECEIVING —			HOLDERS OF HOME PERMITS INCLUDED IN COLUMNS 114, 115, 116			DIFFERENT PERSONS 14 TO 16 YEARS OF AGE ENROLLED IN EVENING SCHOOL CLASSES AND HOLDING EITHER EMPLOYMENT CERTIFICATES OR HOME PERMITS		
HOME PERMITS			Boys	Girls	Total	Boys	Girls	Total
117	118	119	120	121	122	123	124	125
-	-	-	-	-	-	-	-	-
1	1	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	1	1	-	1	1	8	9	17
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1	7	8	-	4	4	-	-	-
-	1	1	-	1	1	13	9	22
1	4	5	-	-	-	22	8	30
-	-	-	-	1	1	-	-	-
-	4	4	-	2	2	-	-	-
-	-	-	-	-	-	-	-	-
2	-	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2	1	3	-	-	-	-	-	-
-	-	-	-	-	-	7	8	15
1	-	1	-	-	-	-	-	-
1	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	2	2	-	-	-	-	-	-
1	6	7	-	3	3	-	-	-
1	4	5	-	1	1	-	-	-
-	-	-	-	-	-	-	-	-
4	5	9	1	1	2	-	-	-
2	3	5	-	1	1	-	-	-
-	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
6	3	9	-	-	-	-	-	-
-	4	4	-	4	4	-	-	-
68	181	249	14	55	69	250	157	407

## GROUP II. TOWNS OF 5,000

TOWNS		MEMBERSHIP IN PUBLIC DAY							
		Kindergarten	ELEMENTARY						
			Special classes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
		126	127	128	129	130	131	132	133
84	Hudson . . .	-	-	119	86	82	96	114	109
85	Concord . . .	-	-	124	98	116	104	97	90
86	Great Barrington .	-	-	162	163	140	147	159	122
87	Needham . . .	212	-	188	169	150	146	143	128
88	Franklin . . .	-	-	174	133	148	142	151	128
89	Wellesley . . .	63	13	133	134	110	107	85	97
90	Fairhaven . . .	-	-	213	152	159	156	130	131
91	Ipswich . . .	-	-	170	146	114	116	108	75
92	Ludlow . . .	-	47	138	122	122	163	123	87
93	Grafton . . .	-	-	143	119	110	120	102	73
94	Spencer . . .	-	-	81	53	53	95	51	67
95	North Andover . .	-	-	131	132	115	121	116	97
96	Westborough . . .	-	-	88	62	82	67	66	86
97	Winchendon . . .	-	-	128	108	107	126	118	98
98	Mansfield . . .	-	-	123	122	90	109	129	99
99	Abington . . .	-	23	107	77	105	96	97	90
100	Canton . . .	-	-	84	60	72	67	56	59
101	Amherst . . .	-	-	116	83	82	97	105	85
102	Lexington . . .	-	12	149	156	138	135	139	116
103	Walpole . . .	46	-	172	158	141	120	117	105
104	Orange . . .	-	-	90	107	105	107	98	86
105	Dartmouth . . .	-	-	228	210	155	162	123	98
106	Millbury . . .	-	-	135	128	91	120	114	77
107	Tewksbury . . .	-	-	40	48	35	52	50	20
108	Hingham . . .	52	-	94	91	90	80	68	82
109	Chelmsford . . .	-	-	152	116	108	99	104	114
110	South Hadley . . .	-	-	146	126	134	117	110	93
111	Wareham . . .	-	-	147	135	105	82	91	88
112	Easton . . .	28	-	116	123	108	132	107	101
113	Monson . . .	-	-	83	61	66	80	76	64
Totals . . .		2,320	212	15,336	13,019	12,368	12,304	11,785	10,988

## SCHOOL RETURNS

lxvii

POPULATION OR OVER — *Continued*

SCHOOLS, BY GRADES, APRIL 1, 1919

SCHOOL				HIGH SCHOOL							Grand total
Grade 7, or first year Junior High	Grade 8, or Junior 2	Grade 9, if in elementary school	Total	First year, or Junior 3	Second year	Third year	Fourth year	Fifth year, if any	Post-graduates	Total	
134	135	136	137	138	139	140	141	142	143	144	145
107	96	-	809	60	52	27	22	22	-	183	992
108	99	-	836	113	90	68	59	-	4	334	1,170
104	84	-	1,081	69	62	62	43	2	-	238	1,319
106	86	-	1,116	73	33	40	27	-	-	173	1,501
105	108	-	1,089	54	44	25	30	-	-	153	1,242
104	92	-	875	105	69	21	25	-	1	221	1,159
102	71	-	1,114	100	38	49	42	-	1	230	1,344
61	49	-	839	74	35	25	29	-	-	163	1,002
92	56	15	965	35	20	2	7	-	-	64	1,029
57	47	-	771	27	12	26	7	1	-	73	844
58	38	18	514	28	20	13	17	-	-	78	592
112	91	77	992	57	28	32	24	-	-	141	1,133
55	49	-	555	43	35	21	20	-	2	121	676
73	57	-	815	40	64	42	27	23	-	196	1,011
83	82	-	837	68	68	56	26	-	-	218	1,055
77	77	-	749	80	71	57	36	-	-	244	993
46	52	-	496	55	46	27	28	-	-	156	652
82	66	85	801	81	64	56	50	-	-	251	1,052
105	98	-	1,048	89	53	59	42	-	1	244	1,292
103	92	-	1,008	89	61	43	36	-	-	229	1,283
105	83	-	781	71	52	38	25	-	-	186	967
61	38	-	1,075	22	28	-	-	-	-	50	1,125
82	74	-	821	46	29	28	26	-	-	129	950
33	29	-	307	-	-	-	-	-	-	-	307
71	66	-	642	72	60	50	28	-	-	210	904
85	71	-	849	47	28	29	32	-	2	138	987
67	64	-	857	56	39	24	23	-	1	143	1,000
36	47	-	731	59	46	21	37	-	1	164	895
76	54	-	817	73	47	42	33	-	-	195	1,040
66	49	29	574	-	-	-	-	-	-	-	574
9,605	8,026	1,569	95,212	6,522	4,930	3,744	2,949	145	60	18,350	115,882

## GROUP II. TOWNS OF 5,000

		PRINCIPALS AND FULL-TIME						
		ELEMENTARY SCHOOL						Total
		Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	
TOWNS		146	147	148	149	150	151	152
84	Hudson . . . .	-	-	15	-	7	-	22
85	Concord . . . .	-	1	24	-	2	-	27
86	Great Barrington . . . .	-	1	24	-	10	-	35
87	Needham . . . .	-	4	16	5	10	-	35
88	Franklin . . . .	-	-	25	2	6	-	33
89	Wellesley . . . .	-	3	20	13	-	-	36
90	Fairhaven . . . .	1	1	20	-	4	-	26
91	Ipswich . . . .	-	-	9	8	7	3	27
92	Ludlow . . . .	-	1	17	5	7	2	32
93	Grafton . . . .	-	-	19	-	2	-	21
94	Spencer . . . .	-	-	10	-	6	-	16
95	North Andover . . . .	-	-	26	-	5	-	31
96	Westborough . . . .	-	-	9	2	3	-	14
97	Winchendon . . . .	-	1	25	2	1	-	29
98	Mansfield . . . .	-	1	18	1	7	-	27
99	Abington . . . .	-	-	21	1	-	-	22
100	Canton . . . .	-	-	9	5	1	1	16
101	Amherst . . . .	-	1	22	-	5	-	28
102	Lexington . . . .	-	-	27	4	-	-	31
103	Walpole . . . .	-	-	34	-	3	-	37
104	Orange . . . .	-	-	20	-	3	-	23
105	Dartmouth . . . .	-	1	22	2	6	-	31
106	Millbury . . . .	-	1	20	-	1	-	22
107	Tewksbury . . . .	-	-	9	-	1	-	10
108	Hingham . . . .	-	2	15	2	5	-	24
109	Chelmsford . . . .	-	-	26	-	-	1	27
110	South Hadley . . . .	-	-	22	2	4	-	28
111	Wareham . . . .	-	1	12	1	7	-	21
112	Easton . . . .	-	-	19	4	6	-	29
113	Monson . . . .	-	-	9	-	7	2	18
Totals . . . .		10	68	2,224	208	444	18	2,972



## SCHOOL RETURNS

lxix

POPULATION OR OVER — *Continued*

TEACHERS, CLASSIFIED ACCORDING TO TRAINING, JAN. 1, 1919

HIGH SCHOOL							Grand total
Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total	
153	154	155	156	157	158	159	160
-	8	1	-	-	-	9	31
-	15	4	1	1	-	21	48
-	7	3	-	-	-	10	45
1	7	-	-	-	-	8	43
1	5	1	-	1	-	8	41
-	11	-	1	-	-	12	48
-	12	2	-	1	-	15	41
3	6	-	-	-	-	9	36
-	2	1	-	1	-	4	36
-	4	1	-	-	-	5	26
-	5	-	-	-	-	5	21
-	5	1	-	1	-	7	38
2	3	1	-	1	-	7	21
-	8	-	-	-	-	8	37
-	8	1	-	1	-	10	37
-	8	2	-	-	-	10	32
-	7	2	-	-	-	9	25
-	8	2	-	1	-	11	39
1	9	2	-	-	-	12	43
-	10	2	-	-	-	12	49
-	6	2	1	-	-	9	32
-	4	-	-	-	1	5	36
-	8	-	-	-	-	8	30
-	-	-	-	-	-	-	10
-	9	1	-	-	-	10	34
-	7	1	-	1	-	9	36
-	6	-	-	1	-	7	35
-	5	-	-	1	-	6	27
1	7	3	1	-	-	12	41
-	-	-	-	-	-	-	18
28	683	122	11	50	3	897	3,869

## DEPARTMENT OF EDUCATION

## GROUP II. TOWNS OF 5,000

	TOWNS	SCHOOL BUILDINGS IN USE, JAN. 1, 1919				ESTIMATED VALUE	
		One-room buildings	Two-room buildings	Buildings of three or more rooms	Total	ELEMENTARY	
						Sites	Buildings
		161	162	163	164	165	166
84	Hudson . . . . .	—	4	3	7	\$7,300	\$50,500
85	Concord . . . . .	—	—	7	7	23,000	210,000
86	Great Barrington . . . . .	6	—	4	10	18,600	78,000
87	Needham . . . . .	1	2	6	9	22,000	115,000
88	Franklin . . . . .	3	2	6	11	9,175	106,700
89	Wellesley . . . . .	1	—	6	7	36,400	113,714
90	Fairhaven . . . . .	—	—	5	5	10,000	200,000
91	Ipswich . . . . .	2	4	3	9	15,000	85,500
92	Ludlow . . . . .	6	—	4	10	3,000	110,000
93	Grafton . . . . .	—	1	5	6	7,500	70,000
94	Spencer . . . . .	1	2	4	7	5,400	47,600
95	North Andover . . . . .	4	—	6	10	19,500	107,500
96	Westborough . . . . .	—	1	3	4	3,000	60,000
97	Winchendon . . . . .	2	1	6	9	14,000	61,000
98	Mansfield . . . . .	3	3	4	10	10,500	102,000
99	Abington . . . . .	—	—	3	3	7,000	75,000
100	Canton . . . . .	1	2	4	7	10,000	80,000
101	Amherst . . . . .	1	1	6	8	11,500	68,000
102	Lexington . . . . .	—	—	4	4	30,000	178,000
103	Walpole . . . . .	—	1	5	6	6,700	141,508
104	Orange . . . . .	3	1	4	8	7,500	93,000
105	Dartmouth . . . . .	4	4	4	12	2,500	75,000
106	Millbury . . . . .	1	1	4	6	3,000	75,000
107	Tewksbury . . . . .	3	1	1	5	2,000	46,500
108	Hingham . . . . .	3	1	4	8	15,000	65,000
109	Chelmsford . . . . .	2	2	5	9	5,650	74,500
110	South Hadley . . . . .	—	1	4	5	9,000	69,500
111	Wareham . . . . .	4	3	4	11	5,050	42,925
112	Easton . . . . .	4	2	4	10	2,400	120,000
113	Monson . . . . .	6	2	2	10	5,750	55,000
	Totals . . . . .	154	107	449	710	\$1,911,256	\$10,876,177

## SCHOOL RETURNS

lxxi

POPULATION OR OVER — *Concluded*

OF PUBLIC SCHOOL PROPERTY						Grand total
SCHOOLS		HIGH SCHOOLS				
Equipment (furniture, apparatus, libraries, etc.)	Total	Sites	Buildings	Equipment (furniture, apparatus, libraries, etc.)	Total	
167	168	169	170	171	172	173
\$4,000	\$61,800	\$2,500	\$35,000	\$2,000	\$39,500	\$101,300
12,500	245,500	7,000	50,000	15,000	72,000	317,500
5,000	101,600	13,000	60,000	5,000	78,000	179,600
7,500	144,500	3,000	25,000	3,000	31,000	175,500
10,700	126,575	3,200	44,000	2,500	49,700	176,275
19,026	169,140	15,000	164,441	15,000	194,441	363,581
6,000	216,000	50,000	800,000	10,000	860,000	1,076,000
20,000	120,500	10,000	60,000	10,000	80,000	200,500
6,000	119,000	1,000	50,000	3,000	54,000	173,000
12,000	89,500	2,000	25,000	4,500	31,500	121,000
15,000	68,000	5,000	69,500	15,000	89,500	157,500
20,000	147,000	3,000	95,000	8,000	106,000	253,000
2,500	65,500	1,000	13,000	1,000	15,000	80,500
8,000	83,000	8,000	115,000	5,000	128,000	211,000
9,000	121,500	4,500	45,000	6,000	55,500	177,000
15,000	97,000	5,000	50,000	10,000	65,000	162,000
12,000	102,000	10,000	40,000	8,000	58,000	160,000
4,000	83,500	15,000	90,000	10,000	115,000	198,500
22,500	230,500	4,000	54,300	15,000	73,300	303,800
8,750	156,958	4,500	61,997	4,375	70,872	227,830
4,000	104,500	2,500	40,000	3,000	45,500	150,000
3,500	81,000	500	12,500	1,500	14,500	95,500
5,000	83,000	2,000	60,000	5,000	67,000	150,000
1,500	50,000	—	—	—	—	50,000
6,000	86,000	5,000	55,000	6,000	66,000	152,000
8,000	88,150	3,000	65,000	3,500	71,500	159,650
7,216	85,716	2,500	37,500	3,500	43,500	129,216
6,890	54,865	400	35,100	2,900	38,400	93,265
11,034	133,434	600	80,000	19,246	99,846	233,280
6,638	67,388	—	—	—	—	67,388
\$2,618,111	\$15,405,544	\$720,805	\$6,906,138	\$1,002,071	\$8,629,014	\$24,034,558

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	Population, State Census, 1915	Valuation, as of April 1, 1918	TEACHING STAFF IN PUBLIC DAY SCHOOLS—KINDERGARTEN, ELEMENTARY, HIGH—JAN. 1, 1919				
				SUPERVISORS		Principals	TEACHERS	
				Full time	Part time		Full time	Part time
		1	2	3	4	5	6	7
114	Barnstable . . . .	4,995	\$8,519,330	2	—	—	33	2
115	Uxbridge . . . .	4,921	4,359,900	—	2	—	32	—
116	Randolph . . . .	4,734	2,803,400	—	2	—	24	—
117	Lee . . . .	4,481	3,507,862	—	—	1	19	—
118	Dudley . . . .	4,373	2,492,834	—	3	—	22	—
119	Rockport . . . .	4,351	4,332,336	—	2	1	26	—
120	Provincetown . . . .	4,295	3,161,204	—	—	—	27	1
121	Warren . . . .	4,268	2,683,641	—	2	—	24	2
122	Templeton . . . .	4,081	2,554,473	—	1	—	21	—
123	Williamstown . . . .	3,981	4,755,186	—	—	1	27	—
124	Falmouth . . . .	3,917	7,116,825	—	2	2	27	—
125	Dalton . . . .	3,858	4,122,770	2	1	—	25	2
126	Foxborough . . . .	3,755	2,978,735	—	—	—	22	3
127	East Bridgewater . . . .	3,689	3,362,408	—	2	—	26	—
128	Blackstone . . . .	3,679	2,020,144	—	2	—	21	—
129	Medfield . . . .	3,648	2,145,622	—	2	1	9	—
130	Hardwick . . . .	3,596	3,147,379	1	—	1	20	1
131	Oxford . . . .	3,476	2,141,737	—	3	1	20	1
132	Barre . . . .	3,476	2,961,597	—	1	1	22	1
133	Somerset . . . .	3,377	2,029,207	—	2	1	20	—
134	Westport . . . .	3,262	3,085,975	—	1	—	17	—
135	Billerica . . . .	3,246	6,289,608	—	5	1	26	—
136	Lenox . . . .	3,242	7,402,797	4	—	—	28	—
137	Nantucket . . . .	3,166	5,506,300	—	1	1	20	2
138	Holbrook . . . .	2,948	1,847,506	—	2	—	19	—
139	North Brookfield . . . .	2,947	2,080,193	—	—	—	13	2
140	Manchester . . . .	2,945	11,171,649	—	4	3	16	—
141	Medway . . . .	2,846	1,926,955	—	2	—	17	2
142	Westford . . . .	2,843	2,397,069	—	—	—	16	3
143	Pepperell . . . .	2,839	2,544,092	—	2	—	15	1
144	Sutton . . . .	2,829	1,626,161	—	—	—	16	—
145	Cohasset . . . .	2,800	6,153,914	—	2	—	21	8
146	Shrewsbury . . . .	2,794	3,633,238	—	2	—	21	—
147	Holliston . . . .	2,788	2,101,667	—	1	—	15	2
148	Ayer . . . .	2,779	3,070,185	—	2	—	14	—
149	Bourne . . . .	2,672	5,955,575	—	—	—	20	2
150	Hadley . . . .	2,666	2,495,804	—	1	1	19	1
151	Hanover . . . .	2,666	1,942,837	—	—	—	13	2
152	Hopedale . . . .	2,663	4,272,511	—	—	—	16	5
153	Scituate . . . .	2,661	6,183,720	—	2	—	16	—
154	Norton . . . .	2,587	1,804,250	—	—	—	15	2
155	Lancaster . . . .	2,585	2,409,170	1	—	1	15	1
156	Kingston . . . .	2,580	1,646,575	—	2	—	16	—
157	Holden . . . .	2,514	2,071,415	1	1	—	20	—
158	Hopkinton . . . .	2,475	1,879,342	—	3	—	14	—

# SCHOOL RETURNS

lxxiii

## AND MAINTAINING HIGH SCHOOLS

PERSONS 5 TO 16 YEARS OF AGE, APRIL 1, 1919									ILLITERATE MINORS, 16 TO 21 YEARS OF AGE	
5 TO 7 YEARS			7 TO 14 YEARS			14 TO 16 YEARS			In registration of minors, April 1, 1919	Receiving employment certificates, year ending Aug. 31, 1918
In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership		
8	9	10	11	12	13	14	15	16	17	18
110	118	-	549	636	-	131	115	-	-	-
214	207	-	642	640	-	139	129	-	81	18
174	94	-	678	623	-	143	122	-	-	-
117	69	33	527	407	118	126	64	9	-	-
157	72	-	793	414	-	173	33	-	8	17
174	125	-	559	559	-	129	124	-	-	-
178	119	-	758	678	-	164	106	-	6	-
127	26	30	493	387	106	127	83	4	4	-
123	77	4	564	481	24	120	82	12	2	-
136	116	4	436	419	14	128	93	-	1	1
127	53	-	555	544	-	125	113	-	1	-
120	107	-	467	467	-	100	82	-	1	1
111	70	-	495	428	-	113	89	-	-	-
114	65	-	480	454	-	114	93	-	-	-
82	71	-	516	454	-	86	75	-	-	-
50	39	-	174	160	-	54	39	-	-	-
95	53	29	466	292	152	95	66	7	3	1
177	35	-	521	489	-	157	73	-	-	3
115	50	-	440	424	13	95	43	9	10	-
- 1	89	12	- 1	501	24	- 1	55	4	- 1	- 1
126	79	-	422	409	-	105	34	-	2	3
160	81	-	568	564	30	120	91	22	-	-
163	149	6	481	461	13	111	93	-	2	1
83	77	-	368	367	-	88	77	-	-	-
108	83	-	347	364	-	88	82	-	-	-
75	27	23	339	201	138	77	66	11	-	-
85	54	-	329 2	332	-	71	71	-	-	-
45	48	-	376	387	-	93	71	-	3	3
111	68	-	393	380	5	92	44	-	21	8
57	19	-	324	320	-	90 2	80	-	-	-
47	61	22	334	377	90	30	39	21	-	-
66	60	4	310	291	12	77	73	4	-	-
105	70	-	429	440	-	65 2	64	-	-	-
70	33	-	279	303	-	74	67	-	5	5
95	65	-	346	343	-	81	65	-	-	-
63	30	-	387	371	-	80	40	-	-	-
216	84	-	420	413	-	83	50	-	11	-
76	46	-	246	262	-	60	22	-	-	-
55	72	-	293	284	9	53	35	1	-	-
97	68	-	296	229	-	96	74	-	-	-
88	31	-	328	308	-	92	63	-	-	-
46	37	17	310	232	56	82	30	69	-	-
100	48	-	370 2	360	-	90	50	-	7	3
112	60	-	389 2	389	-	70	54	-	-	-
83 3	15	-	282 3	283	-	74 3	47	-	-	-

<sup>1</sup> No census taken.

<sup>2</sup> Estimated.

<sup>3</sup> For Sept. 1, 1918.

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	PUPILS IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — YEAR ENDING JUNE 30, 1919						
		Pupils enrolled	Aggregate days attendance	Average daily attendance	Average number of days in session	Average membership	Pupils for whom town pays tuition for not less than half of school year	Nonresidents who attended not less than half of school year
		19	20	21	22	23	24	25
114	Barnstable . . .	944	128,429	750	166	816	—	17
115	Uxbridge . . .	995	138,757	817	170	903	—	31
116	Randolph . . .	862	120,828	727	166	787	—	24
117	Lee . . .	655	83,984	491	170	544	18	—
118	Dudley . . .	554	70,817	442	160	480	25	7
119	Rockport . . .	862	124,279	753	165	787	—	—
120	Provincetown . .	971	162,301	864	193	911	—	28
121	Warren . . .	636	89,093	534	167	588	1	21
122	Templeton . . .	748	106,841	629	170	699	1	33
123	Williamstown . .	675	86,862	556	156	599	—	18
124	Falmouth . . .	772	91,799	638	144	715	—	8
125	Dalton . . .	752	113,332	630	172	684	—	38
126	Foxborough . . .	666	95,234	571	167	624	—	6
127	East Bridgewater	719	98,506	611	161	671	5	13
128	Blackstone . . .	714	90,328	552	164	613	1	13
129	Medfield . . .	257	35,363	220	161	243	—	2
130	Hardwick . . .	465	67,484	406	166	434	9	30
131	Oxford . . .	662	95,772	545	176	598	12	8
132	Barre . . .	628	78,182	498	157	565	1	9
133	Somerset . . .	645	90,376	561	161	598	—	2
134	Westport . . .	531	69,354	402	173	464	15	21
135	Billerica . . .	773	110,988	672	165	756	—	7
136	Lenox . . .	726	98,611	585	168	653	—	31
137	Nantucket . . .	559	79,023	479	165	500	—	—
138	Holbrook . . .	587	84,411	495	169	546	—	14
139	North Brookfield	334	46,406	280	169	305	—	14
140	Manchester . . .	513	71,375	451	162	474	—	—
141	Medway . . .	528	76,435	449	170	494	—	44
142	Westford . . .	564	76,762	463	166	515	3	5
143	Pepperell . . .	454	65,181	379	172	405	—	2
144	Sutton . . .	451	50,639	332	150	374	—	4
145	Cohasset . . .	541	74,861	453	165	497	—	1
146	Shrewsbury . . .	699	84,825	543	157	592	—	—
147	Holliston . . .	435	61,249	362	169	406	3	29
148	Ayer . . .	539	77,433	430	180	455	7	11
149	Bourne . . .	662	71,847	436	164	490	—	4
150	Hadley . . .	559	75,553	451	168	500	—	1
151	Hanover . . .	339	44,198	261	169	308	—	16
152	Hopedale . . .	428	61,930	369	168	402	—	3
153	Scituate . . .	551	70,552	413	171	462	—	—
154	Norton . . .	440	65,284	380	172	398	—	9
155	Lancaster . . .	316	46,755	261	179	287	3	—
156	Kingston . . .	485	65,368	390	169	432	—	4
157	Holden . . .	491	72,842	431	170	487	—	2
158	Hopkinton . . .	390	57,904	328	177	363	6	44

## SCHOOL RETURNS

LXXV

AND MAINTAINING HIGH SCHOOLS — *Continued*

Net average membership (Column 23+24-25)	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS — DAY, EVENING, VACATION — YEAR ENDING JUNE 30, 1919				
	INSTRUCTION				Operation of school plant, — janitor service, fuel and miscellaneous ex- penses.
	General control	Salaries and expenses of supervisors, prin- cipals and teachers	Textbooks	Stationery, supplies and other expenses of instruction	
26	27	28	29	30	31
799	\$2,000 00	\$26,479 27	\$1,258 50	\$455 06	\$9,324 48
872	1,498 77	21,822 55	841 29	774 41	6,602 62
763	1,140 84	18,341 07	—	101 76	3,359 17
562	1,203 85	15,745 65	638 77	359 53	4,505 75
498	1,477 05	16,532 89	235 87	798 56	5,722 72
787	1,789 27	17,861 10	726 23	1,237 67	4,660 26
883	1,505 08	15,718 55	718 63	1,000 00	4,416 76
568	1,619 46	18,460 20	991 60	563 33	4,122 15
667	1,324 18	13,911 00	563 42	409 77	4,294 10
581	1,912 02	21,180 91	696 12	895 76	6,115 69
707	3,744 49	24,937 19	951 71	1,742 47	9,701 54
646	2,647 96	23,421 55	2,316 43	1,612 21	6,682 13
618	1,421 85	15,888 45	673 52	1,370 81	4,700 72
663	1,241 65	18,851 86	708 80	763 47	4,385 72
601	1,006 25	13,744 90	222 50	456 07	2,462 92
241	605 00	8,764 93	135 35	574 23	2,069 28
413	1,690 75	15,815 84	397 69	688 20	5,888 45
602	1,017 62	14,726 65	647 60	871 87	5,323 54
557	1,435 70	17,465 75	613 99	1,124 79	4,509 13
596	1,188 65	13,134 20	515 00	461 73	3,512 92
458	1,623 94	9,792 19	1,109 77	444 08	3,923 32
749	897 26	21,012 87	874 21	987 00	7,609 57
622	1,807 89	24,520 10	696 30	860 82	8,610 75
500	1,000 58	13,488 75	347 33	383 35	3,644 63
532	992 27	13,748 24	746 61	658 01	3,666 07
291	988 85	10,830 01	168 31	117 13	1,758 56
474	2,197 30	18,355 69	405 35	966 71	5,720 11
450	905 00	11,867 90	646 49	581 71	3,622 22
513	987 64	11,435 39	525 44	378 25	4,543 95
403	1,297 56	11,172 12	358 33	836 20	3,376 37
370	1,173 09	8,011 44	281 59	477 98	3,164 06
496	3,661 75	21,111 83	604 68	2,212 08	5,308 32
592	1,044 39	12,953 39	387 96	775 94	4,763 52
380	891 68	10,746 81	463 81	690 20	2,957 91
451	1,034 82	11,155 78	423 70	402 22	2,160 30
486	1,740 76	17,688 90	724 76	1,870 62	7,608 81
499	1,067 71	14,150 00	253 16	1,530 69	4,653 25
292	839 45	9,098 00	376 99	250 05	2,731 59
399	947 16	15,060 25	312 22	643 29	6,455 55
462	1,596 70	13,882 50	652 50	1,041 65	4,954 26
389	851 79	10,497 31	308 71	859 06	3,212 92
290	1,165 00	11,739 95	314 75	349 42	3,792 63
428	1,065 56	12,164 01	289 69	590 09	3,631 97
485	1,269 24	14,675 10	610 22	492 85	3,644 30
325	938 05	11,170 10	208 09	417 25	3,323 34

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS ENDING JUNE				
		Repairs, replacement and upkeep	Libraries	Promotion of health	TRANSPORTATION	
					To schools within town	To schools in other towns or cities
		32	33	34	35	36
114	Barnstable . .	\$3,599 63	-	\$150 00	\$6,907 50	-
115	Uxbridge . .	994 42	\$25 00	277 50	1,198 95	-
116	Randolph . .	659 47	-	100 00	2,354 84	-
117	Lee . .	627 51	-	75 00	2,291 86	-
118	Dudley . .	2,287 67	-	254 50	-	\$270 32
119	Rockport . .	1,035 79	-	86 50	-	-
120	Provincetown . .	1,529 74	-	-	-	-
121	Warren . .	857 70	-	150 00	6,333 00	-
122	Templeton . .	272 40	-	88 32	3,027 69	-
123	Williamstown . .	509 65	-	200 00	2,785 83	-
124	Falmouth . .	2,688 45	250 36	1,858 98	7,669 56	-
125	Dalton . .	1,221 07	-	200 00	750 20	-
126	Foxborough . .	763 12	-	65 67	1,923 66	-
127	East Bridgewater . .	981 13	-	85 00	634 50	-
128	Blackstone . .	661 23	-	300 00	-	-
129	Medfield . .	135 65	-	30 00	275 00	-
130	Hardwick . .	1,436 56	-	123 00	3,244 21	210 00
131	Oxford . .	656 18	-	100 00	2,120 39	-
132	Barre . .	841 28	11 72	125 35	1,483 24	-
133	Somerset . .	1,007 34	-	50 00	612 01	-
134	Westport . .	574 97	-	145 00	6,031 37	-
135	Billerica . .	655 13	-	500 00	7,946 04	-
136	Lenox . .	1,407 45	-	300 00	953 30	-
137	Nantucket . .	1,345 15	-	100 00	410 07	-
138	Holbrook . .	371 19	-	-	-	-
139	North Brookfield . .	74 54	-	50 00	3,315 00	-
140	Manchester . .	2,245 61	-	186 00	1,321 50	-
141	Medway . .	620 76	-	-	1,532 80	-
142	Westford . .	109 10	-	100 00	4,069 78	73 16
143	Pepperell . .	646 25	-	100 00	2,884 80	-
144	Sutton . .	445 66	-	-	4,208 00	-
145	Cohasset . .	3,300 77	161 15	223 36	5,434 20	-
146	Shrewsbury . .	795 17	-	-	2,030 86	-
147	Holliston . .	742 72	-	25 00	1,830 60	-
148	Ayer . .	1,059 87	-	117 00	50 00	-
149	Bourne . .	1,591 09	-	-	4,437 08	-
150	Hadley . .	1,586 10	-	77 50	2,098 71	-
151	Hanover . .	708 01	-	176 41	1,001 93	-
152	Hopedale . .	758 79	-	8 00	283 05	-
153	Scituate . .	952 20	-	75 00	7,361 60	-
154	Norton . .	304 06	-	-	2,071 27	-
155	Lancaster . .	2,215 95	-	300 95	1,679 76	31 58
156	Kingston . .	1,082 03	-	75 00	873 90	-
157	Holden . .	591 70	-	100 00	1,024 06	-
158	Hopkinton . .	2,584 19	5 18	160 36	794 60	-



# SCHOOL RETURNS

lxxvii

## AND MAINTAINING HIGH SCHOOLS — *Continued*

— DAY, EVENING, VACATION — YEAR 30, 1919 — Con.			EXPENDITURES FOR OUTLAY, YEAR ENDING JUNE 30, 1919		
Tuition	Miscellaneous	Total for support	New ground's, buildings and alterations	New equipment	Total for outlay
37	38	39	40	41	42
-	-	\$50,174 44	-	-	-
\$1,004 25	\$1,470 40	36,510 16	-	-	-
-	10 00	26,067 15	\$1,500 00	-	\$1,500 00
500 00	129 39	26,077 31	-	\$450 00	450 00
700 00	25 97	28,305 55	10,117 72	1,366 10	11,483 82
-	346 28	27,743 10	-	-	-
-	-	24,888 76	994 00	-	994 00
-	391 16	33,488 60	931 00	380 00	1,311 00
84 49	759 96	24,735 33	-	-	-
-	28 65	34,324 63	-	68 20	68 20
-	1,659 21	55,203 96	-	171 25	171 25
-	566 92	39,418 47	712 37	-	712 37
-	590 94	27,398 74	-	-	-
98 40	191 46	27,941 99	-	-	-
18 00	-	18,871 87	2,592 00	-	2,592 00
-	-	12,589 44	-	-	-
244 00	1,201 60	30,940 30	-	231 00	231 00
496 25	45 95	26,006 05	3,260 50	-	3,260 50
9 50	589 13	28,209 58	-	455 69	455 69
-	86 37	20,568 22	-	-	-
2,199 50	44 93	25,889 07	-	23 75	23 75
41 00	212 34	40,735 42	577 00	495 67	1,072 67
114 00	34 00	39,304 61	-	59 00	59 00
-	154 45	20,874 31	398 81	50 00	448 81
-	45 95	20,228 34	-	102 50	102 50
-	361 97	17,664 37	-	-	-
14 00	833 20	32,245 47	-	-	-
11 10	63 85	19,851 83	560 93	83 00	643 93
126 00	-	22,348 71	-	469 13	469 13
-	268 19	20,939 82	-	-	-
7 50	738 83	18,508 15	-	-	-
-	346 78	42,364 92	1,233 37	1,786 29	3,019 66
135 63	164 90	23,051 76	-	-	-
21 25	275 17	18,645 15	-	72 44	72 44
279 50	162 43	16,845 62	-	-	-
-	465 01	36,127 03	-	-	-
-	481 19	25,898 31	-	-	-
-	110 82	15,293 25	-	-	-
-	225 38	24,693 69	-	-	-
87 00	84 21	30,687 62	-	449 59	449 59
-	-	18,105 12	-	-	-
17 25	-	21,607 24	-	-	-
-	106 84	19,879 09	-	-	-
-	412 91	22,820 38	-	-	-
33 75	108 91	19,743 82	-	-	-

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	EXPENDITURE FOR SUPPORT OF PUBLIC SCHOOLS—DAY, YEAR ENDING					
		FROM LOCAL TAXATION			FROM STATE AID (INCLUDING INCOME FROM MASSACHUSETTS SCHOOL FUND)		
		Amount	Per pupil in av- erage mem- bership	Rank	Amount	Per pupil in av- erage mem- bership	Rank
		43	44	45	46	47	48
114	Barnstable . . .	\$48,501 02	\$59 44	42	-	-	-
115	Uxbridge . . .	34,092 00	37 75	217	-	-	-
116	Randolph . . .	26,031 08	33 08	269	\$511 37	\$0 65	217
117	Lee . . .	23,224 84	42 69	165	420 00	77	216
118	Dudley . . .	23,747 47	49 47	93	1,446 30	3 01	186
119	Rockport . . .	25,346 34	32 21	282	-	-	-
120	Provincetown . . .	24,234 51	26 60	314	875 00	96	211
121	Warren . . .	29,900 00	50 85	81	1,000 00	1 70	202
122	Templeton . . .	20,686 41	29 59	300	1,654 65	2 37	198
123	Williamstown . . .	30,950 09	51 67	75	-	-	-
124	Falmouth . . .	50,091 29	70 06	20	-	-	-
125	Dalton . . .	36,404 15	53 22	68	-	-	-
126	Foxborough . . .	25,013 18	40 09	192	625 00	1 00	209
127	East Bridgewater . . .	25,031 51	37 30	223	625 00	93	212
128	Blackstone . . .	16,353 72	26 68	313	1,667 14	2 72	193
129	Medfield . . .	10,588 46	43 57	151	812 50	3 34	180
130	Hardwick . . .	27,937 36	64 37	29	500 00	1 15	206
131	Oxford . . .	20,980 67	35 08	250	1,529 11	2 56	195
132	Barre . . .	24,329 65	43 06	160	500 00	88	213
133	Somerset . . .	16,640 97	27 83	308	1,490 99	2 49	197
134	Westport . . .	21,467 44	46 27	115	750 00	1 62	204
135	Billerica . . .	40,464 22	53 52	65	-	-	-
136	Lenox . . .	39,375 09	60 30	40	-	-	-
137	Nantucket . . .	20,346 96	40 69	185	-	-	-
138	Holbrook . . .	15,969 71	29 25	303	1,526 99	2 80	191
139	North Brookfield . . .	14,137 19	46 35	114	1,729 65	5 67	148
140	Manchester . . .	29,823 30	62 92	33	-	-	-
141	Medway . . .	15,497 88	31 37	289	1,365 98	2 77	192
142	Westford . . .	19,862 46	38 57	209	1,529 65	2 97	188
143	Pepperell . . .	18,423 26	45 49	124	1,583 60	3 91	174
144	Sutton . . .	12,232 64	32 71	274	1,490 99	3 99	171
145	Cohasset . . .	38,240 48	76 94	10	-	-	-
146	Shrewsbury . . .	21,550 00	36 40	232	357 15	60	218
147	Holliston . . .	15,803 24	38 92	204	1,290 98	3 18	181
148	Ayer . . .	16,445 64	36 14	235	1,378 23	3 03	185
149	Bourne . . .	32,551 73	66 43	27	-	-	-
150	Hadley . . .	17,920 80	35 84	240	1,415 98	2 83	190
151	Hanover . . .	12,409 94	40 29	190	1,282 66	4 16	170
152	Hopedale . . .	22,969 11	57 14	53	-	-	-
153	Scituate . . .	29,367 45	63 57	32	-	-	-
154	Norton . . .	14,794 27	37 17	226	1,479 65	3 72	175
155	Lancaster . . .	19,183 60	66 84	26	1,029 64	3 59	177
156	Kingston . . .	17,825 66	41 26	179	1,604 64	3 71	176
157	Holden . . .	17,977 67	36 92	230	1,729 64	3 55	178
158	Hopkinton . . .	15,701 24	43 25	157	1,553 48	4 28	169

## SCHOOL RETURNS

lxxix

AND MAINTAINING HIGH SCHOOLS — *Continued*

EVENING, VACATION — CLASSIFIED AS TO SOURCE, Dec. 31, 1918					INCOME FROM MASSACHUSETTS SCHOOL FUND	
From tuition and trans- portation of State wards	Amount from other sources	FROM ALL SOURCES			Paid to town Jan. 25, 1918	Balance unexpended, Dec. 31, 1918
		Amount	Per pupil in av- erage mem- bership	Rank		
49	50	51	52	53	54	55
\$309 00	\$547 12	\$49,357 14	\$60 49	104	-	-
-	1,769 73	35,861 73	39 71	296	-	-
457 50	567 20	27,567 15	35 03	334	-	-
-	523 48	24,168 32	44 43	242	-	-
-	932 13	26,125 90	54 43	142	\$1,029 64	-
-	-	25,346 34	32 21	348	-	-
83 25	690 00	25,882 76	28 41	354	-	-
198 00	1,011 42	32,109 42	54 61	140	-	-
238 50	413 30	22,992 86	32 89	344	1,029 65	-
192 00	155 51	31,297 60	52 25	155	-	-
348 25	988 48	51,428 02	71 93	49	-	-
75 75	437 18	36,917 08	53 97	143	-	-
216 00	135 00	25,989 18	41 65	277	-	-
387 75	52 78	26,097 04	38 89	307	-	-
65 25	243 75	18,329 86	29 90	352	1,104 64	-
40 50	163 60	11,605 06	47 76	201	790 98	-
273 83	1,297 53	30,008 72	69 14	62	-	-
-	194 73	22,704 51	37 97	317	1,029 65	\$20 00
105 75	1,278 55	26,213 95	46 40	214	-	-
-	79 58	18,211 54	30 45	351	865 99	-
234 50	1,253 28	23,705 22	51 09	169	-	-
79 80	191 40	40,735 42	53 88	144	-	-
-	930 00	40,305 09	61 72	100	-	-
-	432 26	20,779 22	41 56	279	-	-
120 45	301 59	17,918 74	32 82	345	1,104 64	-
257 25	227 20	16,351 29	53 61	146	1,104 65	-
-	-	29,823 30	62 92	95	-	-
1,190 40	360 95	18,415 21	37 28	324	865 98	-
-	163 50	21,555 61	41 86	273	1,029 65	-
-	204 00	20,210 86	49 88	181	1,029 65	846 55
153 75	113 00	13,990 38	37 41	322	865 99	-
-	1,162 64	39,403 12	79 28	32	-	-
-	1,422 27	23,329 42	39 41	301	-	-
275 25	241 49	17,610 96	43 38	257	790 98	-
186 50	385 66	18,396 03	40 43	287	790 98	53 93
136 50	332 00	33,020 23	67 39	66	-	-
-	2,739 35	22,076 13	44 15	246	790 98	-
-	-	13,692 60	44 46	241	865 98	-
56 25	138 11	23,163 47	57 62	121	-	-
-	-	29,367 45	63 57	91	-	-
166 50	108 53	16,548 95	41 58	278	1,104 65	-
-	446 32	20,659 56	71 98	48	1,029 64	-
69 75	1,036 50	20,536 55	47 54	203	1,104 64	-
40 50	250 53	19,998 34	41 06	281	1,104 64	-
1,447 45	17 35	18,719 52	51 57	162	865 98	-

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	VALUATION OF 1918 PER PUPIL IN NET AVERAGE MEMBERSHIP, YEAR ENDING JUNE 30, 1919		EXPENDITURE FOR SCHOOL SUPPORT FROM LOCAL TAXATION, YEAR ENDING DEC. 31, 1918, PER \$1,000 VALUATION		RATE OF TOTAL TAX PER \$1,000 VALUATION, 1918	
		Amount	Rank	Amount	Rank	Amount	Rank
		56	57	58	59	60	61
114	Barnstable . . .	\$10,662	41	\$5 69	235	\$16 20	259
115	Uxbridge . . .	4,999	248	7 82	104	17 00	245
116	Randolph . . .	3,674	325	9 29	31	23 80	44
117	Lee . . .	6,241	164	6 62	167	22 30	76
118	Dudley . . .	5,006	246	9 53	25	18 30	202
119	Rockport . . .	5,505	215	5 85	225	22 00	89
120	Provincetown . . .	3,580	329	7 67	113	20 50	133
121	Warren . . .	4,725	266	11 14	5	22 80	62
122	Templeton . . .	3,665	326	8 10	88	18 70	189
123	Williamstown . . .	8,184	83	6 51	172	12 40	316
124	Falmouth . . .	10,066	48	7 00	147	10 00	339
125	Dalton . . .	6,381	160	8 83	46	8 95	348
126	Foxborough . . .	4,820	261	8 40	66	20 40	137
127	East Bridgewater . . .	5,077	240	7 44	124	25 50	18
128	Blackstone . . .	3,361	340	8 10	87	17 60	224
129	Medfield . . .	8,903	65	4 93	283	15 50	273
130	Hardwick . . .	7,621	101	8 18	81	12 20	318
131	Oxford . . .	3,558	331	9 79	19	23 00	57
132	Barre . . .	5,317	227	8 22	75	19 00	174
133	Somerset . . .	3,505	336	8 20	80	20 00	156
134	Westport . . .	6,738	139	6 96	150	21 20	104
135	Billerica . . .	8,397	76	6 43	176	22 00	80
136	Lenox . . .	11,902	30	5 32	259	15 00	285
137	Nantucket . . .	11,012	36	3 70	330	16 00	267
138	Holbrook . . .	3,473	338	8 64	53	22 00	84
139	North Brookfield . . .	7,148	121	6 80	156	16 50	256
140	Manchester . . .	23,569	3	2 66	349	10 00	341
141	Medway . . .	4,282	291	8 04	92	30 00	2
142	Westford . . .	4,673	270	8 29	72	15 50	275
143	Pepperell . . .	6,313	163	7 21	136	21 50	102
144	Sutton . . .	4,395	286	7 52	118	20 00	157
145	Cohasset . . .	12,407	27	6 21	195	13 20	303
146	Shrewsbury . . .	6,137	173	5 93	216	17 80	221
147	Holliston . . .	5,531	213	7 52	117	16 00	265
148	Ayer . . .	6,807	136	5 36	255	17 50	227
149	Bourne . . .	12,254	28	5 47	250	11 60	328
150	Hadley . . .	5,002	247	7 18	139	16 00	263
151	Hanover . . .	6,654	149	6 39	179	20 00	150
152	Hopedale . . .	10,708	39	5 38	253	2 50	354
153	Scituate . . .	13,385	20	4 75	295	18 80	186
154	Norton . . .	4,638	272	8 20	78	20 00	154
155	Lancaster . . .	8,307	79	7 96	98	15 00	284
156	Kingston . . .	3,847	320	10 83	8	21 00	110
157	Holden . . .	4,271	293	8 68	51	18 00	211
158	Hopkinton . . .	5,782	197	8 35	68	23 00	54

## SCHOOL RETURNS

lxxxi

AND MAINTAINING HIGH SCHOOLS — *Continued*[illegible]

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	YEAR GRADES IN —			PUBLIC DAY ELEMENTARY SCHOOLS					
		Elementary school	Junior high school, if any	Senior high school	PRINCIPALS		TEACHERS			Part time
							FULL TIME			
					Men	Women	Men	Women		
		71	72	73	74	75	76	77	78	
114	Barnstable . . . . .	9	—	4	—	—	3	22	2	
115	Uxbridge . . . . .	8	—	4	—	—	—	27	—	
116	Randolph . . . . .	8	—	4	—	—	—	18	—	
117	Lee . . . . .	8	—	4	—	—	—	16	—	
118	Dudley . . . . .	6	5	—	—	—	—	20	—	
119	Rockport . . . . .	8	—	5	—	—	—	21	—	
120	Provincetown . . . .	9	—	4	—	—	—	22	1	
121	Warren . . . . .	6	3	3	—	—	—	17	1	
122	Templeton . . . . .	8	—	4	—	—	—	16	—	
123	Williamstown . . . .	8	—	4	—	—	—	22	—	
124	Falmouth . . . . .	8	—	4	1	—	—	20	—	
125	Dalton . . . . .	8	—	4	—	—	—	20	—	
126	Foxborough . . . . .	8	—	4	—	—	—	16	3	
127	East Bridgewater . .	9	—	4	—	—	—	19	—	
128	Blackstone . . . . .	8	—	4	—	—	—	17	—	
129	Medfield . . . . .	8	—	4	—	—	—	5	—	
130	Hardwick . . . . .	8	—	4	—	—	15	—	1	
131	Oxford . . . . .	8	—	4	—	—	—	17	—	
132	Barre . . . . .	8	—	4	—	—	—	18	1	
133	Somerset . . . . .	9	—	4	—	—	—	17	—	
134	Westport . . . . .	8	—	2	—	—	1	14	—	
135	Billerica . . . . .	6	2	4	—	—	1	18	—	
136	Lenox . . . . .	9	—	4	—	—	—	22	—	
137	Nantucket . . . . .	9	—	4	—	—	—	16	1	
138	Holbrook . . . . .	8	—	4	—	—	—	14	—	
139	North Brookfield . .	9	—	4	—	—	—	9	2	
140	Manchester . . . . .	9	—	4	1	1	—	10	—	
141	Medway . . . . .	8	—	4	—	—	—	13	2	
142	Westford . . . . .	8	—	4	—	—	—	13	3	
143	Pepperell . . . . .	8	—	4	—	—	—	10	1	
144	Sutton . . . . .	8	—	4	—	—	—	14	—	
145	Cohasset . . . . .	8	—	4	—	—	—	14	4	
146	Shrewsbury . . . . .	9	—	4	—	—	—	17	—	
147	Holliston . . . . .	8	—	4	—	—	—	10	2	
148	Ayer . . . . .	8	—	4	—	—	—	9	—	
149	Bourne . . . . .	8	—	4	—	—	1	15	2	
150	Hadley . . . . .	8	—	4	—	—	—	15	—	
151	Hanover . . . . .	8	—	4	—	—	1	9	1	
152	Hopedale . . . . .	9	—	4	—	—	—	13	5	
153	Scituate . . . . .	9	—	4	—	—	1	10	—	
154	Norton . . . . .	8	—	4	—	—	—	12	2	
155	Lancaster . . . . .	8	—	4	—	—	—	12	—	
156	Kingston . . . . .	8	—	4	—	—	—	12	—	
157	Holden . . . . .	8	—	4	—	—	—	15	—	
158	Hopkinton . . . . .	8	—	4	—	—	—	10	—	

# SCHOOL RETURNS

lxxxiii

## AND MAINTAINING HIGH SCHOOLS — *Continued*

(INCLUDING FIRST TWO YEARS OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

PUPILS ENROLLED		Aggregate days' attendance	Average number of days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of principals, supervisors and teachers	Expenditure for textbooks
Boys	Girls				Amount	Per pupil in average membership of elementary schools		
79	80	81	82	83	84	85	86	87
330	470	108,057	164	695	\$33,375 76	\$48 02	\$19,118 37	\$908 50
432	454	122,621	170	802	27,541 02	34 34	17 077 05	445 17
353	361	98,391	165	654	18,399 28	28 13	13,236 59	-
282	239	64,253	170	422	17,382 04	41 19	10,715 20	300 00
281	252	67,850	160	461	22,972 83	49 83	14,190 93	213 80
385	383	110,705	165	700	18,802 62	26 86	13,103 63	426 48
438	412	143,282	193	804	17,300 99	21 52	10,978 55	431 19
286	242	71,087	163	483	21,586 49	44 69	11,450 20	471 60
355	299	93,530	170	612	16,657 71	27 22	9,243 50	331 79
275	276	69,835	156	485	23,055 04	47 54	14,527 91	388 32
326	315	76,421	143	604	34,508 02	57 13	17,073 13	626 64
305	313	92,696	172	559	26,164 29	46 81	16,686 65	1,847 14
288	239	75,457	167	497	16,878 04	33 96	10,031 84	300 35
300	279	77,728	159	544	18,438 69	33 89	13,055 61	375 91
329	306	79,360	163	542	13,498 37	24 90	10,122 65	178 00
94	92	26,186	161	177	6,282 37	35 49	4,281 34	43 54
196	163	52,245	167	337	18,319 00	54 36	9,745 94	208 42
291	294	83,881	175	527	18,342 66	34 81	10,827 15	504 64
278	267	68,027	155	498	18,443 96	37 04	11,933 80	381 00
324	271	83,296	160	553	14,332 81	25 92	9,790 70	425 00
250	251	65,149	171	439	18,061 63	41 14	8,127 19	838 96
319	322	91,526	165	635	26,036 98	41 00	14,662 87	513 08
321	304	84,599	165	564	24,727 33	43 84	17,137 30	428 60
225	250	66,513	164	422	13,754 09	32 59	9,298 75	213 06
244	220	68,815	172	445	13,464 50	30 26	9,103 77	556 80
125	142	36,105	164	243	11,170 47	45 97	6,476 80	112 21
217	208	58,957	161	393	19,230 53	48 93	10,846 49	169 31
233	213	64,376	169	420	13,105 80	31 20	8,102 15	443 29
233	264	66,753	164	452	15,895 02	35 17	8,335 39	322 07
186	167	51,481	174	316	12,156 45	38 47	6,641 00	81 78
206	198	45,074	150	335	11,525 42	34 40	6,303 44	275 97
224	215	60,821	165	402	27,188 52	67 63	14,438 88	207 21
327	314	75,697	154	536	17,006 17	31 73	9,003 39	247 86
179	172	48,581	168	328	11,524 95	35 14	6,280 94	192 86
210	226	61,449	179	359	9,991 09	27 83	6,592 28	337 15
356	221	59,300	163	412	25,790 64	62 60	12,708 78	533 81
264	231	66,072	166	437	16,341 42	37 39	9,070 00	159 94
158	147	39,199	169	276	10,407 49	37 71	6,235 50	316 48
186	191	53,687	161	352	16,829 53	47 81	10,760 25	172 22
247	203	56,253	170	369	22,545 48	61 10	10,004 50	416 08
190	191	56,602	171	345	12,326 55	35 73	7,102 31	190 89
151	121	39,351	179	246	14,873 69	60 46	7,249 95	224 75
206	216	56,372	167	375	13,669 27	36 45	8,286 39	218 33
214	207	61,472	168	417	15,475 68	37 11	9,736 86	434 97
180	149	49,195	176	309	10,229 75	33 11	5,965 20	171 00

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		Number of high schools	PUBLIC DAY HIGH SCHOOLS (INCLUDING						
			PRINCIPALS		TEACHERS			PUPILS ENROLLED	
					FULL TIME		Part time		
			Men	Women	Men	Women		Boys	Girls
		88	89	90	91	92	93	94	95
114	Barnstable . . .	2	-	-	3	5	-	52	92
115	Uxbridge . . .	1	-	-	1	4	-	39	70
116	Randolph . . .	1	-	-	1	5	-	81	67
117	Lee . . .	1	1	-	-	3	-	49	85
118	Dudley . . .	1	-	-	1	1	-	11 <sup>1</sup>	10 <sup>1</sup>
119	Rockport . . .	1	1	-	-	5	-	32	62
120	Provincetown . . .	1	-	-	1	4	-	53	68
121	Warren . . .	1	-	-	2	5	1	43	65
122	Templeton . . .	1	-	-	1	4	-	47	47
123	Williamstown . . .	1	1	-	1	4	-	44	80
124	Falmouth . . .	1	1	-	1	6	-	58	73
125	Dalton . . .	1	-	-	1	4	2	52	82
126	Foxborough . . .	1	-	-	1	5	3	67	72
127	East Bridgewater . . .	1	-	-	1	6	-	66	74
128	Blackstone . . .	1	-	-	1	3	-	31	48
129	Medfield . . .	1	-	1	-	4	-	26	45
130	Hardwick . . .	1	1	-	5	-	-	48	58
131	Oxford . . .	1	1	-	-	3	1	37	40
132	Barre . . .	1	1	-	-	4	1	32	51
133	Somerset . . .	1	1	-	-	3	-	25	25
134	Westport . . .	1	-	-	-	2	-	17	13
135	Billerica . . .	1	1	-	1	6	-	52	80
136	Lenox . . .	1	-	-	-	6	-	44	57
137	Nantucket . . .	1	1	-	1	3	1	39	45
138	Holbrook . . .	1	-	-	3	2	-	49	74
139	North Brookfield . . .	1	-	-	1	3	2	22	45
140	Manchester . . .	1	1	-	-	6	-	35	53
141	Medway . . .	1	-	-	1	3	-	30	52
142	Westford . . .	1	-	-	1	2	3	32	35
143	Pepperell . . .	1	-	-	1	4	-	44	57
144	Sutton . . .	1	-	-	1	1	-	21	26
145	Cohasset . . .	1	-	-	2	5	4	44	58
146	Shrewsbury . . .	1	-	-	1	3	-	23	35
147	Holliston . . .	1	-	-	2	3	-	37	47
148	Ayer . . .	1	-	-	1	4	-	37	66
149	Bourne . . .	1	-	-	-	4	2	32	53
150	Hadley . . .	1	1	-	1	3	1	28	36
151	Hanover . . .	1	-	-	1	2	1	22	12
152	Hopedale . . .	1	-	-	1	2	5	25	26
153	Scituate . . .	1	-	-	2	3	-	42	59
154	Norton . . .	1	-	-	1	2	2	25	34
155	Lancaster . . .	1	1	-	-	3	1	19	25
156	Kingston . . .	1	-	-	1	3	-	24	39
157	Holden . . .	1	-	-	1	4	-	37	33
158	Hopkinton . . .	1	-	-	-	4	-	23	38

<sup>1</sup> Last two years of Junior high school.<sup>2</sup> Does not include \$193.77 for tuition and \$658 for transportation of 19 pupils attending other high schools.



# SCHOOL RETURNS

Lxxxv

## AND MAINTAINING HIGH SCHOOLS — *Continued*

THIRD YEAR OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

Aggregate days' attendance	Days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of prin- cipals, supervisors and teachers	Expenditure for textbooks
			Amount	Per pupil in aver- age member- ship of high school		
96	97	98	99	100	101	102
20,372	168	121	\$14,798 68	\$122 30	\$7,360 90	\$350 00
16,136	172	101	7,217 87	71 46	4,687 00	396 12
22,437	170	133	6,527 03	49 08	5,104 48	—
19,731	174	122	7,491 42	61 41	5,030 45	338 77
2,967	175	19	2,855 70 <sup>2</sup>	150 30	2,224 96	22 07
13,574	168	87	7,151 21	82 20	4,757 47	299 75
19,019	193	107	6,082 69	56 85	4,740 00	287 44
18,006	174	105	10,282 65	97 93	7,010 00	520 00
13,311	170	87	6,753 44	77 63	4,667 50	231 63
17,027	157	114	9,357 57	82 08	6,653 00	307 80
15,378	148	111	16,951 45	152 72	7,864 06	325 07
20,636	173	125	10,606 22	84 85	6,734 90	469 29
19,777	166	127	9,098 85	71 64	5,856 61	373 17
20,778	171	127	8,261 65	65 05	5,796 25	332 89
10,968	169	71	4,367 25	61 51	3,622 25	44 50
9,177	161	66	5,702 07	86 40	4,483 59	91 81
15,239	161	97	10,604 97	109 33	5,744 32	189 27
11,891	171	71	6,645 77	93 60	3,899 50	142 96
10,155	169	67	8,096 18	120 84	5,340 70	232 99
7,080	171	45	5,046 76	112 15	3,343 50	90 00
4,205	188	25	4,004 00 <sup>3</sup>	160 16	1,665 00	270 81
19,462	166	121	13,801 18	114 06	6,350 00	361 13
14,012	171	89	12,700 39	142 70	7,313 80	267 70
12,510	169	78	6,119 64	78 46	4,190 00	134 27
15,596	166	101	5,771 57	57 14	4,644 47	189 81
10,301	174	62	5,505 05	88 79	4,353 21	56 10
12,418	163	81	10,817 64	133 55	7,509 20	236 04
12,059	177	74	5,841 03	78 93	3,765 75	203 20
10,009	174	63	5,466 05	86 76	3,100 00	203 37
13,700	168	89	7,485 81	84 11	4,531 12	276 55
5,565	150	39	5,809 64	148 97	1,708 00	5 62
14,040	165	95	11,514 65	121 21	6,672 95	397 47
9,128	177	56	5,001 20	89 31	3,950 00	140 00
12,668	176	78	6,228 52	79 85	4,465 87	270 95
15,984	184	96	5,819 71	60 62	4,563 50	86 55
12,547	174	78	8,595 63	110 20	4,980 12	190 95
9,481	176	63	8,489 18	134 75	5,080 00	93 22
4,999	172	32	4,046 31	126 45	2,862 50	60 51
8,243	170	50	6,917 00	138 34	4,300 00	140 00
14,299	171	93	6,545 44	70 38	3,878 00	236 42
8,682	177	53	4,926 78	92 96	3,395 00	117 82
7,404	194	41	5,568 55	135 82	4,490 00	90 00
8,996	170	57	5,144 26	90 25	3,877 62	71 36
11,370	172	70	6,075 46	86 79	4,938 24	175 25
8,709	180	54	8,576 02	158 82	5,204 90	37 09

<sup>2</sup> Does not include \$2,199.50 for tuition of 15 pupils attending other high schools.

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	EMPLOYMENT CERTIFICATES AND HOME PERMITS					
		EMPLOYMENT CERTIFICATES ISSUED			DIFFERENT		
		To boys	To girls	Total	EMPLOYMENT CERTIFICATES		
					Boys	Girls	Total
		111	112	113	114	115	116
114	Barnstable . . .	6	1	7	6	1	7
115	Uxbridge . . .	233	172	405	81	84	165
116	Randolph . . .	70	58	128	50	38	88
117	Lee . . .	4	6	10	2	6	8
118	Dudley . . .	155	101	256	41	45	86
119	Rockport . . .	10	7	17	11	4	15
120	Provincetown . . .	16	-	16	15	-	15
121	Warren . . .	115	51	166	11	7	18
122	Templeton . . .	17	9	26	10	6	16
123	Williamstown . . .	28	18	46	20	15	35
124	Falmouth . . .	10	1	11	8	1	9
125	Dalton . . .	12	10	22	11	10	21
126	Foxborough . . .	15	12	27	7	6	13
127	East Bridgewater . . .	52	21	73	14	9	23
128	Blackstone . . .	24	32	56	21	27	48
129	Medfield . . .	11	4	15	6	2	8
130	Hardwick . . .	10	24	34	10	24	34
131	Oxford . . .	67	44	111	39	29	68
132	Barre . . .	24	18	42	22	18	40
133	Somerset . . .	53	30	83	47	18	65
134	Westport . . .	23	12	35	19	12	31
135	Billerica . . .	27	3	30	18	3	21
136	Lenox . . .	7	7	14	7	2	9
137	Nantucket . . .	4	2	6	4	2	6
138	Holbrook . . .	39	11	50	17	5	22
139	North Brookfield . . .	19	16	35	12	15	27
140	Manchester . . .	20	3	23	16	3	19
141	Medway . . .	31	28	59	28	25	53
142	Westford . . .	36	38	74	32	28	60
143	Pepperell . . .	4	2	6	4	2	6
144	Sutton . . .	39	23	62	36	18	54
145	Cohasset . . .	1	1	2	1	1	2
146	Shrewsbury . . .	31	32	63	13	17	30
147	Holliston . . .	13	16	29	12	13	25
148	Ayer . . .	8	7	15	7	3	10
149	Bourne . . .	8	1	9	8	1	9
150	Hadley . . .	3	4	7	1	4	5
151	Hanover . . .	18	12	30	16	9	25
152	Hopedale . . .	17	16	33	13	10	23
153	Seituate . . .	2	4	6	2	3	5
154	Norton . . .	33	23	56	14	12	26
155	Lancaster . . .	20	11	31	10	9	19
156	Kingston . . .	35	5	40	26	4	30
157	Holden . . .	20	17	37	14	13	27
158	Hopkinton . . .	8	20	28	6	8	14

## lxxvii

ISSUED TO PERSONS 14 TO 16 YEARS OF AGE, YEAR ENDING JUNE 30, 1919

[illegible]

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		MEMBERSHIP IN PUBLIC DAY							
		Kindergarten	ELEMENTARY						
			Special classes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
		126	127	128	129	130	131	132	133
114	Barnstable . . .	-	-	101	97	117	101	95	96
115	Uxbridge . . .	-	-	222	92	126	118	95	93
116	Randolph . . .	-	-	104	73	91	93	81	93
117	Lee . . .	26	-	78	72	56	64	63	56
118	Dudley . . .	-	-	125	84	52	59	54	31
119	Rockport . . .	-	-	91	90	96	87	89	72
120	Provincetown . .	-	-	96	133	116	132	119	90
121	Warren . . .	-	-	99	84	68	48	68	42
122	Templeton . . .	-	-	110	100	81	76	70	61
123	Williamstown . .	-	-	88	62	59	66	60	59
124	Falmouth . . .	-	-	113	84	87	59	85	59
125	Dalton . . .	-	-	100	78	72	77	73	66
126	Foxborough . . .	-	-	96	62	63	70	69	57
127	East Bridgewater .	-	-	81	59	72	62	83	59
128	Blackstone . . .	-	-	120	77	75	83	63	68
129	Medfield . . .	-	-	27	15	26	14	24	25
130	Hardwick . . .	-	-	56	59	39	44	52	35
131	Oxford . . .	-	-	92	86	76	77	75	58
132	Barre . . .	-	-	101	89	75	60	66	51
133	Somerset . . .	-	-	126	81	86	72	84	64
134	Westport . . .	-	-	80	74	67	60	55	72
135	Billerica . . .	-	-	105	83	83	90	77	73
136	Lenox . . .	-	-	124	52	70	58	85	73
137	Nantucket . . .	-	-	65	63	46	50	67	51
138	Holbrook . . .	-	-	60	68	46	49	58	50
139	North Brookfield .	-	-	41	28	28	32	35	28
140	Manchester . . .	-	-	52	56	42	59	43	39
141	Medway . . .	-	-	58	67	59	53	55	45
142	Westford . . .	-	-	95	64	63	68	55	55
143	Pepperell . . .	-	-	55	42	51	35	48	47
144	Sutton . . .	-	-	75	49	49	52	41	32
145	Cohasset . . .	22	-	51	39	53	61	44	46
146	Shrewsbury . . .	37	-	56	131	99	61	65	72
147	Holliston . . .	-	-	56	48	37	52	45	35
148	Ayer . . .	-	-	45	68	46	55	55	57
149	Bourne . . .	-	-	51	69	60	54	48	37
150	Hadley . . .	-	-	98	53	62	63	56	50
151	Hanover . . .	-	-	56	42	24	41	38	29
152	Hopedale . . .	-	-	57	63	49	46	42	46
153	Scituate . . .	-	-	53	36	44	32	38	60
154	Norton . . .	-	-	56	38	38	44	57	45
155	Lancaster . . .	-	-	32	39	42	37	43	32
156	Kingston . . .	-	-	59	70	59	71	61	43
157	Holden . . .	-	-	65	51	67	51	68	43
158	Hopkinton . . .	-	-	33	44	37	37	50	44

## SCHOOL RETURNS

lxxxix

AND MAINTAINING HIGH SCHOOLS — *Continued*

SCHOOLS, BY GRADES, APRIL 1, 1919

SCHOOL				HIGH SCHOOL								Grand total
Grade 7, or first year Junior High	Grade 8, or Junior 2	Grade 9, if in elementary school	Total	First year, or Junior 3	Second year	Third year	Fourth year	Fifth year, if any	Post-graduates	Total		
134	135	136	137	138	139	140	141	142	143	144	145	
66	51	56	780	46	40	27	24	-	-	137	917	
65	59	-	870	39	37	15	15	-	-	106	976	
98	81	-	714	56	26	27	22	-	-	131	845	
46	34	-	469	43	28	25	23	-	-	119	614	
45	19	-	469	2	2	-	-	-	-	4	473	
92	79	-	696	53	39	22	14	11	-	139	835	
75	50	39	850	55	25	20	21	-	-	121	971	
36	30	-	475	25	33	25	25	-	-	108	583	
52	38	-	588	33	20	19	11	-	-	83	671	
53	50	-	497	47	30	24	16	-	2	119	616	
58	53	-	598	33	40	23	19	-	-	115	713	
48	47	-	561	55	25	26	16	-	-	122	683	
51	48	-	516	56	18	20	24	-	-	118	634	
64	41	29	550	39	34	30	24	-	-	127	677	
39	28	-	553	37	14	7	11	-	-	69	622	
26	21	-	178	21	18	16	16	-	-	71	249	
31	35	-	351	38	29	21	9	-	-	97	448	
52	33	-	549	32	18	10	17	-	-	77	626	
30	33	-	505	13	17	25	11	-	1	67	572	
43	16	23	595	22	10	10	8	-	-	50	645	
38	26	-	472	11	14	-	-	-	-	25	497	
78	52	-	641	52	37	23	18	-	2	132	773	
38	65	31	596	29	32	13	12	-	-	86	682	
50	37	35	464	27	29	7	17	-	-	80	544	
54	49	-	434	31	26	22	16	-	-	95	529	
36	17	22	267	31	16	10	10	-	-	67	334	
35	38	34	398	19	25	19	11	-	-	74	472	
47	50	-	434	39	19	14	14	-	-	86	520	
41	15	-	456	28	16	13	4	-	-	61	517	
42	33	-	353	31	28	20	22	-	-	101	454	
31	17	-	346	17	6	5	6	-	-	34	380	
58	33	-	385	30	18	20	24	-	-	92	499	
31	32	7	554	14	10	12	15	-	-	51	642	
39	44	-	356	38	23	14	10	-	-	85	441	
35	39	-	400	22	29	28	16	-	-	95	495	
62	28	-	409	33	27	10	8	-	-	78	487	
49	29	-	460	28	13	13	11	-	-	65	525	
28	32	-	290	11	10	4	5	-	-	30	320	
32	25	17	377	14	11	12	14	-	-	51	428	
46	42	27	378	29	34	21	13	-	-	97	475	
43	30	-	351	20	13	10	8	-	-	51	402	
27	18	-	270	15	12	7	9	-	1	44	314	
27	17	-	407	23	17	14	9	-	-	63	470	
52	24	-	421	19	20	19	12	-	-	70	491	
41	32	-	318	22	12	9	9	-	-	52	370	

## DEPARTMENT OF EDUCATION

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS	PRINCIPALS AND FULL-TIME						
	ELEMENTARY SCHOOL						
	Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total
	146	147	148	149	150	151	152
114 Barnstable . . . . .	-	-	23	-	2	-	25
115 Uxbridge . . . . .	-	-	15	-	12	-	27
116 Randolph . . . . .	-	-	10	1	7	-	18
117 Lee . . . . .	-	1	10	1	3	1	16
118 Dudley . . . . .	-	1	16	-	1	2	20
119 Rockport . . . . .	-	-	14	2	5	-	21
120 Provincetown . . . . .	-	-	12	-	10	-	22
121 Warren . . . . .	-	-	12	-	5	-	17
122 Templeton . . . . .	-	-	13	3	-	-	16
123 Williamstown . . . . .	-	-	17	-	3	2	22
124 Falmouth . . . . .	-	-	17	1	3	-	21
125 Dalton . . . . .	-	1	17	1	1	-	20
126 Foxborough . . . . .	-	-	10	2	4	-	16
127 East Bridgewater . . . . .	-	1	15	1	2	-	19
128 Blackstone . . . . .	-	-	-	-	17	-	17
129 Medfield . . . . .	-	-	4	-	1	-	5
130 Hardwick . . . . .	-	-	13	-	2	-	15
131 Oxford . . . . .	-	-	15	-	2	-	17
132 Barre . . . . .	-	-	15	-	3	-	18
133 Somerset . . . . .	-	-	8	-	9	-	17
134 Westport . . . . .	-	-	7	-	8	-	15
135 Billerica . . . . .	-	1	14	-	4	-	19
136 Lenox . . . . .	-	-	22	1	-	1	24
137 Nantucket . . . . .	-	-	9	-	7	-	16
138 Holbrook . . . . .	-	-	14	-	-	-	14
139 North Brookfield . . . . .	-	-	5	1	3	-	9
140 Manchester . . . . .	-	1	11	-	-	-	12
141 Medway . . . . .	-	-	11	-	2	-	13
142 Westford . . . . .	-	-	8	1	4	-	13
143 Pepperell . . . . .	-	-	8	1	1	-	10
144 Sutton . . . . .	-	-	5	-	9	-	14
145 Cohasset . . . . .	-	-	12	-	2	-	14
146 Shrewsbury . . . . .	-	-	13	-	3	1	17
147 Holliston . . . . .	-	-	8	-	2	-	10
148 Ayer . . . . .	-	1	6	1	1	-	9
149 Bourne . . . . .	-	1	13	-	2	-	16
150 Hadley . . . . .	-	-	5	-	10	-	15
151 Hanover . . . . .	-	1	7	1	1	-	10
152 Hopedale . . . . .	-	-	10	-	3	-	13
153 Scituate . . . . .	-	-	5	3	3	-	11
154 Norton . . . . .	-	-	9	-	3	-	12
155 Lancaster . . . . .	-	-	9	3	-	-	12
156 Kingston . . . . .	-	-	10	-	2	-	12
157 Holden . . . . .	-	1	13	-	1	-	15
158 Hopkinton . . . . .	-	-	3	-	6	1	10

## SCHOOL RETURNS

xci

AND MAINTAINING HIGH SCHOOLS — *Continued*

TEACHERS, CLASSIFIED ACCORDING TO TRAINING, JAN. 1, 1919

HIGH SCHOOL							Grand total
Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total	
153	154	155	156	157	158	159	160
2	4	1	1	-	-	8	33
-	3	1	-	1	-	5	32
-	4	2	-	-	-	6	24
-	4	-	-	-	-	4	20
-	1	1	-	-	-	2	22
-	3	3	-	-	-	6	27
-	3	2	-	-	-	5	27
1	2	1	-	3	-	7	24
-	3	1	1	-	-	5	21
-	5	1	-	-	-	6	28
-	8	-	-	-	-	8	29
-	5	-	-	-	-	5	25
-	5	1	-	-	-	6	22
-	5	2	-	-	-	7	26
-	3	-	-	1	-	4	21
-	4	1	-	-	-	5	10
-	5	1	-	-	-	6	21
-	3	2	-	-	-	5	22
-	3	1	-	-	-	4	22
-	2	2	-	-	-	4	21
1	1	-	-	-	-	2	17
-	7	-	-	1	-	8	27
-	4	-	-	-	-	4	28
-	4	1	-	-	-	5	21
-	3	2	-	-	-	5	19
-	4	-	-	-	-	4	13
-	7	-	-	-	-	7	19
-	4	-	-	-	-	4	17
-	2	1	-	-	-	3	16
1	3	1	-	-	-	5	15
-	2	-	-	-	-	2	16
-	4	-	2	-	1	7	21
-	3	-	-	1	-	4	21
-	5	-	-	-	-	5	15
-	4	1	-	-	-	5	14
-	3	1	-	-	-	4	20
-	3	-	-	2	-	5	20
-	3	-	-	-	-	3	13
-	3	-	-	-	-	3	16
-	3	1	-	1	-	5	16
-	2	1	-	-	-	3	15
-	4	-	-	-	-	4	16
-	3	1	-	-	-	4	16
-	5	-	-	-	-	5	20
-	2	-	-	2	-	4	14

## DEPARTMENT OF EDUCATION

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	SCHOOL BUILDINGS IN USE, JAN. 1, 1919				ESTIMATED VALUE	
		One-room buildings	Two-room buildings	Buildings of three or more rooms	Total	ELEMENTARY	
						Sites	Buildings
		161	162	163	164	165	166
114	Barnstable . . .	1	2	7	10	\$12,000	\$90,000
115	Uxbridge . . .	7	1	3	11	4,000	64,000
116	Randolph . . .	3	—	4	7	2,800	36,500
117	Lee . . .	1	1	3	5	2,000	37,900
118	Dudley . . .	5	3	3	11	2,500	46,000
119	Rockport . . .	2	5	3	10	7,400	44,000
120	Provincetown . . .	—	1	5	6	2,100	57,900
121	Warren . . .	—	—	3	3	1,000	60,000
122	Templeton . . .	1	2	4	7	3,000	45,000
123	Williamstown . . .	3	1	3	7	5,650	45,000
124	Falmouth . . .	5	2	3	10	25,000	62,000
125	Dalton . . .	2	1	3	6	10,000	60,000
126	Foxborough . . .	5	1	2	8	4,000	52,500
127	East Bridgewater . . .	6	3	2	11	2,350	25,900
128	Blackstone . . .	4	1	3	8	4,100	27,800
129	Medfield . . .	1	—	1	2	200	2,500
130	Hardwick . . .	4	1	3	8	2,200	41,000
131	Oxford . . .	3	4	2	9	4,100	38,217
132	Barre . . .	6	1	3	10	2,800	48,000
133	Somerset . . .	2	5	2	9	1,800	23,100
134	Westport . . .	4	2	3	9	2,300	60,000
135	Billerica . . .	—	—	3	3	7,000	60,000
136	Lenox . . .	4	—	3	7	20,700	61,900
137	Nantucket . . .	1	2	1	4	8,000	21,000
138	Holbrook . . .	2	1	3	6	3,000	21,850
139	North Brookfield . . .	—	—	2	2	500	20,000
140	Manchester . . .	—	—	3	3	7,500	39,500
141	Medway . . .	—	2	3	5	2,000	48,000
142	Westford . . .	1	—	3	4	2,900	33,100
143	Pepperell . . .	—	—	3	3	10,000	45,000
144	Sutton . . .	3	—	3	6	1,000	15,000
145	Cohasset . . .	1	—	2	3	52,900	4,000
146	Shrewsbury . . .	4	2	2	8	3,900	54,300
147	Holliston . . .	—	2	3	5	2,800	29,000
148	Ayer . . .	2	—	2	4	8,800	39,000
149	Bourne . . .	5	1	2	8	3,600	48,400
150	Hadley . . .	6	—	3	9	2,500	37,500
151	Hanover . . .	4	3	1	8	3,000	19,350
152	Hopedale . . .	1	—	4	5	3,100	109,500
153	Scituate . . .	—	—	3	3	4,500	42,000
154	Norton . . .	1	2	1	4	2,000	35,000
155	Lancaster . . .	1	1	2	4	1,000	55,000
156	Kingston . . .	4	2	2	8	7,000	35,000
157	Holden . . .	4	2	3	9	4,000	50,000
158	Hopkinton . . .	2	2	2	6	3,500	20,700



## SCHOOL RETURNS

xciii

AND MAINTAINING HIGH SCHOOLS — *Continued*

OF PUBLIC SCHOOL PROPERTY						
SCHOOLS		HIGH SCHOOLS				Grand total
Equipment (furniture, apparatus, libraries, etc.)	Total	Sites	Buildings	Equipment (furniture, apparatus, libraries, etc.)	Total	
167	168	169	170	171	172	173
\$5,600	\$107,600	\$3,000	\$27,000	\$1,000	\$31,000	\$138,600
2,065	70,065	2,000	40,000	1,280	43,280	113,345
11,170	50,470	8,000	27,000	7,500	42,500	92,970
3,400	43,300	1,000	34,400	3,100	38,500	81,800
2,400	50,900	1,000	10,000	1,000	12,000	62,900
18,000	69,400	1,000	7,500	6,000	14,500	83,900
1,000	61,000	900	20,100	1,000	22,000	83,000
1,000	62,000	1,000	40,000	2,000	43,000	105,000
1,000	49,000	1,000	10,000	900	11,900	60,900
5,500	56,150	3,000	30,000	2,500	35,500	91,650
—	87,000	15,000	40,000	171	55,171	142,171
2,500	72,500	5,000	20,000	2,000	27,000	99,500
5,000	61,500	6,000	20,000	4,000	30,000	91,500
2,255	30,505	1,000	38,000	2,750	41,750	72,255
3,500	35,400	3,000	12,500	875	16,375	51,775
1,500	4,200	1,600	20,000	2,500	24,100	28,300
7,000	50,200	1,000	40,000	5,000	46,000	96,200
2,247	44,564	3,000	26,000	2,000	31,000	75,564
8,000	58,800	2,000	60,000	5,000	67,000	125,800
400	25,300	300	4,200	500	5,000	30,300
10,000	72,300	500	10,000	1,000	11,500	83,800
10,000	77,000	6,000	100,000	10,000	116,000	193,000
10,000	92,600	13,000	70,000	14,000	97,000	189,600
3,000	32,000	2,000	9,000	1,000	12,000	44,000
1,600	26,450	1,000	7,700	900	9,600	36,050
6,000	26,500	500	40,000	15,000	55,500	82,000
4,500	51,500	750	15,500	2,500	18,750	70,250
900	50,900	1,500	35,000	1,200	37,700	88,600
1,000	37,000	—	—	—	—	37,000
6,000	61,000	8,000	20,000	2,000	30,000	91,000
300	16,300	1,500	15,000	1,000	17,500	33,800
9,100	66,000	24,100	1,700	200	26,000	92,000
7,000	65,200	200	9,000	1,000	10,200	75,400
2,000	33,800	1,000	11,000	650	12,650	46,450
2,000	49,800	2,000	20,000	3,000	25,000	74,800
3,500	55,500	2,000	26,000	2,000	30,000	85,500
5,000	45,000	—	—	—	—	45,000
1,500	23,850	1,000	14,750	500	16,250	40,100
5,000	117,600	1,000	35,000	4,000	40,000	157,600
2,000	48,500	1,000	45,000	1,500	47,500	96,000
3,000	40,000	1,000	10,000	2,000	13,000	53,000
2,550	58,550	450	15,000	700	16,150	74,700
1,500	43,500	2,000	1,000	200	3,200	46,700
2,000	56,000	—	25,000	1,200	26,200	82,200
5,000	29,200	1,000	15,500	3,000	19,500	48,700

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS	Population, State Census, 1915	Valuation, as of April 1, 1918	TEACHING STAFF IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — JAN. 1, 1919					
			SUPERVISORS		Principals	TEACHERS		
			Full time	Part time		Full time	Part time	
	1	2	3	4	5	6	7	
159 Sharon . . . . .	2,468	\$3,522,949	—	1	1	14	—	
160 Wrentham . . . . .	2,414	1,749,641	—	3	—	11	—	
161 Groveland . . . . .	2,377	1,494,422	—	2	—	16	—	
162 Weston . . . . .	2,342	5,032,418	—	2	—	14	1	
163 Groton . . . . .	2,333	2,847,453	—	4	—	17	—	
164 Wilmington . . . . .	2,330	2,198,661	1	—	1	17	—	
165 Charlton . . . . .	2,213	1,520,684	—	2	—	16	1	
166 Douglas . . . . .	2,179	1,442,995	—	2	—	14	—	
167 Harwich . . . . .	2,179	1,948,697	—	1	—	12	—	
168 Avon . . . . .	2,164	1,222,579	—	2	—	13	—	
169 Williamsburg . . . . .	2,118	1,189,261	—	1	—	16	—	
170 Merrimac . . . . .	2,101	1,629,294	—	—	—	13	2	
171 Belchertown . . . . .	2,062	1,080,705	—	—	—	15	1	
172 Brookfield . . . . .	2,059	1,590,984	—	—	—	14	2	
173 Upton . . . . .	2,036	1,414,962	—	1	—	11	1	
174 Wayland . . . . .	2,033	2,422,212	—	2	—	14	—	
175 Ashland . . . . .	2,005	1,627,710	—	3	—	12	1	
176 Duxbury . . . . .	1,921	3,387,761	—	2	—	14	—	
177 Stockbridge . . . . .	1,901	4,510,953	1	1	—	15	—	
178 Southborough . . . . .	1,898	2,196,204	—	2	—	13	1	
179 Rutland . . . . .	1,895	1,002,322	—	—	—	8	—	
180 Hamilton . . . . .	1,879	3,902,806	—	1	—	16	3	
181 Sheffield . . . . .	1,862	1,139,295	—	—	—	15	—	
182 Dennis . . . . .	1,822	1,359,964	—	—	—	10	1	
183 Townsend . . . . .	1,812	1,409,233	—	2	—	11	—	
184 Northborough . . . . .	1,797	1,934,736	—	2	—	10	1	
185 Northfield . . . . .	1,782	1,659,498	—	1	—	12	—	
186 Marshfield . . . . .	1,725	2,744,502	—	2	—	9	—	
187 Carver . . . . .	1,701	1,991,085	—	—	—	8	—	
188 Sherborn . . . . .	1,696	1,609,566	—	1	—	9	1	
189 Essex . . . . .	1,677	1,312,097	—	2	—	10	—	
190 Chatham . . . . .	1,667	2,368,490	—	1	—	10	—	
191 Lunenburg . . . . .	1,610	1,708,968	—	2	—	12	—	
192 Westminster . . . . .	1,594	1,009,724	—	2	—	14	—	
193 Norwell . . . . .	1,563	1,264,115	2	—	—	11	—	
194 West Newbury . . . . .	1,529	1,019,934	—	—	—	10	2	
195 Sandwich . . . . .	1,500	1,439,275	—	—	—	10	3	
196 Shelburne . . . . .	1,484	1,937,525	—	1	1	14	—	
197 Millis . . . . .	1,442	1,601,821	—	2	1	10	—	
198 Huntington . . . . .	1,427	893,329	—	—	—	11	3	
199 Yarmouth . . . . .	1,415	1,901,014	—	—	—	12	1	
200 Plainville . . . . .	1,408	1,117,077	—	—	—	8	3	
201 Sterling . . . . .	1,403	1,390,670	—	2	—	12	2	
202 Nahant . . . . .	1,387	4,135,581	—	—	—	13	—	
203 Chester . . . . .	1,344	940,422	—	—	—	15	2	

¹ Estimated.

² For Sept. 1, 1918.

# SCHOOL RETURNS

xcv

## AND MAINTAINING HIGH SCHOOLS — *Continued*

PERSONS 5 TO 16 YEARS OF AGE, APRIL 1, 1919									ILLITERATE MINORS, 16 TO 21 YEARS OF AGE	
5 TO 7 YEARS			7 TO 14 YEARS			14 TO 16 YEARS			In registration of minors, April 1, 1919	Receiving employment certificates, year ending Aug. 31, 1918
In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership		
8	9	10	11	12	13	14	15	16	17	18
96	71	1	341	340	17	84 <sup>1</sup>	70	8	-	-
40	20	-	161	159	-	41	27	3	-	-
58	51	-	334	333	-	89	63	-	1	1
60	27	6	247	213	21	66	53	-	-	-
128	79	6	258	220	25	117	59	54	-	-
109	62	-	351	342	-	133	90	-	-	-
72	47	-	306	307	-	68	38	-	3	-
67	46	-	308	305	-	57	35	-	16	3
46	22	-	217	222	-	44	57	-	-	-
74	36	-	281	260	20	78	71	4	-	-
58	55	-	319	300	-	72	49	-	-	-
40	38	-	290	290	9	59	49	8	-	-
62 <sup>1</sup>	62	-	340 <sup>1</sup>	331	-	74	45	-	-	-
72	41	-	293	281	-	64	45	-	-	-
52	42	-	184	179	-	60	28	-	5	-
43	21	-	242	236	-	78	31	-	-	-
48 <sup>2</sup>	18	-	264 <sup>2</sup>	256	-	66 <sup>2</sup>	29	-	-	-
64	28	-	211	173	10	68	49	7	-	-
53	23	1	216	204	8	57	46	1	1	-
45	38	-	252	236	77	56	50	100 <sup>3</sup>	-	-
34	17	-	135	132	-	28	25	-	-	-
55	49	-	229	227	-	55	44	-	-	-
56	24	-	218	193	7	69	42	16	-	-
31	11	-	133	151	-	44	43	-	-	-
60	44	-	190	188	-	36	32	-	-	-
26	17	-	228	225	-	51	34	-	-	-
46	45	-	207	201	3	40	29	7	-	-
38 <sup>1</sup>	22	-	131 <sup>1</sup>	131	-	31 <sup>1</sup>	30	-	-	-
35	17	-	126	126	-	23	22	-	-	-
26	24	-	158	151	-	34	21	-	-	-
33	29	-	187	180	-	34	26	-	3	-
46	21	-	177	184	-	37	36	-	-	-
68	37	-	219	202	-	58	32	-	-	-
45	26	-	216	184	-	41	23	-	-	-
40 <sup>1</sup>	32	-	135 <sup>1</sup>	127	-	40 <sup>1</sup>	29	-	-	-
31	28	-	243	236	-	40	37	-	-	-
47	10	-	185 <sup>1</sup>	185	-	72	44	-	-	-
30	11	-	156 <sup>1</sup>	148	-	41	73	-	-	-
54	43	-	210	206	-	49	32	-	-	-
46	28	-	154	157	-	44	43	-	-	-
15	17	-	158	171	-	35	42	-	-	-
47	29	-	164	149	-	54	43	-	-	-
48	22	-	174	160	-	40	17	-	-	-
45	44	-	172	164	-	32	26	-	-	-
44	33	-	190	190	-	69	62	-	-	-

<sup>3</sup> Mostly non-residents.

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	PUPILS IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — YEAR ENDING JUNE 30, 1919						
		Pupils enrolled	Aggregated days' attendance	Average daily attendance	Average number of days in session	Average membership	Pupils for whom town pays tuition for not less than half of school year	Nonresidents who attended not less than half of school year
		19	20	21	22	23	24	25
159	Sharon . . .	497	64,626	394	164	431	8	11
160	Wrentham . . .	254	33,613	194	173	218	-	1
161	Groveland . . .	493	60,973	403	151	442	-	7
162	Weston . . .	349	51,718	315	164	344	3	12
163	Groton . . .	391	52,400	333	157	364	9	10
164	Wilmington . . .	536	79,311	458	173	545	1	10
165	Charlton . . .	409	52,747	321	165	369	2	3
166	Douglas . . .	414	58,527	345	170	373	4	15
167	Harwich . . .	351	39,251	270	145	303	-	16
168	Avon . . .	419	59,115	360	166	385	-	-
169	Williamsburg . . .	398	53,818	317	170	361	-	25
170	Merrimac . . .	389	52,811	300	176	314	5	8
171	Belchertown . . .	477	63,768	358	178	407	10	48
172	Brookfield . . .	388	49,507	302	164	329	1	7
173	Upton . . .	279	38,200	225	168	258	-	7
174	Wayland . . .	336	45,129	271	166	298	-	8
175	Ashland . . .	344	46,837	295	159	320	26	3
176	Duxbury . . .	292	36,427	240	152	261	-	-
177	Stockbridge . . .	363	46,900	291	161	319	8	8
178	Southborough . . .	343	50,367	295	167	311	2	18
179	Rutland . . .	173	23,645	147	162	163	-	2
180	Hamilton . . .	361	48,043	298	167	326	-	1
181	Sheffield . . .	278	38,260	222	172	270	-	-
182	Dennis . . .	235	32,407	197	164	202	-	-
183	Townsend . . .	326	41,278	257	160	284	-	6
184	Northborough . . .	299	39,719	234	169	266	1	2
185	Northfield . . .	319	41,138	248	166	280	-	13
186	Marshfield . . .	230	28,681	175	164	189	-	-
187	Carver . . .	186	24,671	144	169	160	-	4
188	Sherborn . . .	202	28,700	175	164	191	1	11
189	Essex . . .	273	38,064	221	168	247	-	3
190	Chatham . . .	288	36,696	222	165	256	-	8
191	Lunenburg . . .	286	40,744	237	173	264	6	1
192	Westminster . . .	272	36,366	216	168	241	3	-
193	Norwell . . .	195	28,048	168	167	184	-	6
194	West Newbury . . .	322	35,720	223	326	247	1	8
195	Sandwich . . .	247	36,268	223	161	237	-	2
196	Shelburne . . .	333	49,324	282	175	305	-	79
197	Millis . . .	276	39,998	237	169	265	-	-
198	Huntington . . .	264	37,073	222	167	242	-	20
199	Yarmouth . . .	257	34,892	206	169	226	-	-
200	Plainville . . .	259	36,323	218	167	238	-	-
201	Sterling . . .	221	29,952	174	172	197	13	3
202	Nahant . . .	239	34,068	206	166	223	12	-
203	Chester . . .	304	44,916	253	178	272	-	19

## SCHOOL RETURNS

xcvii

AND MAINTAINING HIGH SCHOOLS — *Continued*

Net average membership (Column 23+24—25)	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS—DAY, EVENING, VACATION — YEAR ENDING JUNE 30, 1919				
	INSTRUCTION				Operation of school plant, — janitor service, fuel and miscellaneous ex- penses.
	General control	Salaries and expenses of supervisors, prin- cipals and teachers	Textbooks	Stationery, supplies and other expenses of instruction	
26	27	28	29	30	31
428	\$698 03	\$13,118 88	\$646 03	\$968 22	\$3,521 25
217	825 31	7,876 61	300 21	472 16	2,401 89
435	1,145 99	12,021 98	406 29	625 45	2,887 28
335	914 07	18,622 24	673 58	1,616 52	5,834 22
363	1,356 38	14,030 92	356 94	666 36	4,615 00
536	1,317 30	12,717 52	256 57	812 55	4,422 28
368	1,192 68	10,037 68	267 43	567 47	1,848 11
362	1,020 01	9,494 50	518 23	68 37	2,522 75
287	1,255 99	8,146 88	224 50	362 17	1,630 20
385	635 85	9,116 80	534 08	307 25	2,125 95
336	1,159 06	10,348 25	190 00	378 03	2,578 81
311	583 32	9,051 53	186 56	416 45	1,744 16
369	1,408 62	8,756 49	300 40	503 03	1,749 00
323	1,154 29	8,762 71	204 19	240 00	3,333 49
251	515 22	7,061 00	83 78	424 93	2,050 76
290	1,143 30	11,764 40	313 84	259 80	4,294 97
343	829 67	8,432 45	297 87	445 02	2,329 81
261	1,206 70	9,999 77	478 86	412 05	2,988 00
319	2,124 52	13,529 94	186 82	932 89	5,031 14
295	895 01	10,738 58	254 78	467 49	3,215 62
161	472 18	6,774 18	320 38	64 37	2,102 95
325	1,026 01	15,212 50	481 15	1,997 63	3,903 55
270	900 00	9,159 15	191 40	585 68	1,463 68
202	966 31	6,852 50	344 08	143 64	1,148 79
278	1,059 66	8,156 59	353 97	682 85	2,477 93
265	573 29	8,861 58	310 03	737 20	1,396 76
267	807 92	7,890 00	106 68	332 42	1,659 47
189	1,173 66	6,784 15	610 05	304 07	1,282 07
156	831 70	5,431 88	300 00	680 47	725 56
181	463 95	7,150 83	503 65	438 13	1,521 41
244	557 80	6,470 83	164 88	279 41	1,742 24
248	1,102 38	6,834 55	367 08	136 62	1,842 63
269	677 22	8,988 22	252 10	756 17	1,048 06
244	824 83	8,297 69	70 11	312 16	8,928 40
178	731 11	8,104 00	179 57	77 17	1,002 41
240	587 74	7,629 55	220 16	1,094 80	1,122 16
235	992 57	8,034 17	413 90	353 91	1,836 63
226	1,225 98	12,341 25	665 28	623 87	4,331 28
265	525 00	8,470 50	120 00	379 70	2,784 12
222	748 51	6,550 39	289 18	437 30	3,147 19
226	1,214 38	9,781 50	469 78	815 79	1,840 16
238	546 67	7,225 51	261 10	297 54	2,585 25
207	815 22	7,867 07	175 31	233 70	1,067 34
235	2,105 92	9,262 73	318 34	909 65	4,088 49
253	1,187 68	10,269 60	159 04	518 05	900 88

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS ENDING JUNE				
		Repairs, replacement and upkeep	Libraries	Promotion of health	TRANSPORTATION	
					To schools within town	To schools in other towns or cities
		32	33	34	35	36
159	Sharon . . .	\$868 57	\$16 17	\$50 00	\$3,767 00	-
160	Wrentham . . .	281 08	-	35 00	2,093 37	-
161	Groveland . . .	589 03	-	26 50	-	-
162	Weston . . .	1,796 50	-	175 00	7,155 15	-
163	Groton . . .	545 81	-	-	2,724 77	-
164	Wilmington . . .	527 07	-	50 00	1,000 00	-
165	Charlton . . .	502 73	-	4 25	314 66	\$16 60
166	Douglas . . .	1,961 85	-	50 00	909 00	357 00
167	Harwich . . .	392 56	-	30 00	1,397 35	-
168	Avon . . .	456 21	-	75 00	-	-
169	Williamsburg . . .	518 15	-	98 50	1,327 17	-
170	Merrimac . . .	168 56	-	25 00	1,310 00	-
171	Belchertown . . .	282 73	-	16 66	1,917 20	201 00
172	Brookfield . . .	412 15	-	50 00	2,151 08	-
173	Upton . . .	348 62	-	-	1,641 00	-
174	Wayland . . .	887 21	-	75 00	3,279 25	-
175	Ashland . . .	2,995 18	-	57 00	1,693 00	-
176	Duxbury . . .	847 78	-	50 00	2,200 53	-
177	Stockbridge . . .	531 00	-	-	1,769 78	-
178	Southborough . . .	1,141 40	-	28 90	2,050 38	-
179	Rutland . . .	29 78	-	-	2,433 85	-
180	Hamilton . . .	1,841 79	-	300 00	2,002 00	-
181	Sheffield . . .	420 35	-	50 00	236 25	-
182	Dennis . . .	516 11	-	80 00	1,289 50	-
183	Townsend . . .	256 09	-	100 00	2,634 00	-
184	Northborough . . .	291 67	-	53 00	2,604 75	-
185	Northfield . . .	748 31	-	50 00	1,343 73	-
186	Marshfield . . .	149 26	-	50 00	4,878 20	-
187	Carver . . .	255 60	-	69 00	2,317 50	-
188	Sherborn . . .	227 21	1 50	50 00	2,532 79	-
189	Essex . . .	181 47	-	26 50	780 41	-
190	Chatham . . .	494 47	-	-	835 45	-
191	Lunenburg . . .	371 47	-	57 50	1,234 15	-
192	Westminster . . .	211 37	-	-	1,691 65	-
193	Norwell . . .	338 03	-	100 00	3,402 00	-
194	West Newbury . . .	143 91	-	-	1,906 50	-
195	Sandwich . . .	941 06	-	-	839 48	-
196	Shelburne . . .	201 58	-	-	1,446 50	-
197	Millis . . .	413 42	-	50 00	1,005 00	-
198	Huntington . . .	1,624 80	-	37 49	682 00	-
199	Yarmouth . . .	141 34	-	60 00	1,579 87	-
200	Plainville . . .	817 68	-	50 00	1,900 00	-
201	Sterling . . .	452 23	-	50 00	672 25	91 64
202	Nahant . . .	189 92	-	200 00	75 00	262 21
203	Chester . . .	743 13	-	-	18 02	-

# SCHOOL RETURNS

xcix

## AND MAINTAINING HIGH SCHOOLS — *Continued*

— DAY, EVENING, VACATION — YEAR 30, 1919 — Con.			EXPENDITURES FOR OUTLAY, YEAR ENDING JUNE 30, 1919		
Tuition	Miscellaneous	Total for support	New grounds, buildings and alterations	New equipment	Total for outlay
37	38	39	40	41	42
\$222 00	\$126 02	\$24,002 17	—	\$403 13	\$403 13
—	38 22	14,323 85	—	—	—
—	81 20	17,783 72	—	—	—
394 00	41 36	37,222 64	—	—	—
163 50	327 81	24,787 49	\$615 00	363 16	978 16
551 00	44 49	21,698 78	—	1,046 23	1,046 23
24 00	158 52	14,934 13	1,094 99	799 13	1,894 12
220 00	98 33	17,220 04	—	167 41	167 41
—	95 00	13,534 65	—	388 00	388 00
—	146 59	13,397 73	—	51 26	51 26
—	—	16,597 97	1,000 00	—	1,000 00
230 00	94 04	13,809 62	—	—	—
246 00	10 00	15,391 13	—	—	—
110 50	730 51	17,148 92	—	—	—
—	14 23	12,139 54	—	—	—
—	102 02	22,119 79	3,716 00	—	3,716 00
1,010 00	3 20	18,093 20	—	—	—
—	1,529 30	19,712 99	—	86 67	86 67
222 00	88 24	24,416 33	—	—	—
211 16	76 31	19,079 63	—	—	—
—	187 52	12,385 21	—	—	—
18 90	165 33	26,948 86	20,500 00	1,091 25	21,591 25
—	123 03	13,129 54	—	—	—
—	125 97	11,466 90	—	—	—
—	62 70	15,783 79	71 41	250 00	321 41
189 50	148 53	15,166 31	—	—	—
—	238 35	13,176 88	—	—	—
—	55 05	15,286 51	—	533 69	533 69
—	—	10,611 71	—	—	—
66 67	30 00	12,986 14	—	154 00	154 00
—	52 20	10,255 74	—	—	—
—	—	11,613 18	—	—	—
290 00	47 45	13,722 34	—	151 00	151 00
45 00	48 25	20,429 46	—	—	—
—	127 00	14,061 29	—	—	—
—	137 23	12,842 05	—	—	—
—	—	13,411 72	—	—	—
—	3,283 76	24,119 50	—	—	—
—	—	13,747 74	—	102 25	102 25
—	24 47	13,541 33	—	—	—
—	—	15,902 82	—	—	—
—	—	13,683 75	—	—	—
1,024 00	88 89	12,537 65	—	—	—
1,653 15	355 57	19,420 98	—	96 10	96 10
—	52 50	13,848 90	1,518 13	—	1,518 13

## DEPARTMENT OF EDUCATION

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	EXPENDITURE FOR SUPPORT OF PUBLIC SCHOOLS — DAY, YEAR ENDING					
		FROM LOCAL TAXATION			FROM STATE AID (INCLUDING INCOME FROM MASSACHUSETTS SCHOOL FUND)		
		Amount	Per pupil in av- erage mem- bership	Rank	Amount	Per pupil in av- erage mem- bership	Rank
		43	44	45	46	47	48
159	Sharon . . .	\$22,009 19	\$51 07	80	—	—	—
160	Wrentham . . .	11,668 70	53 53	64	\$1,740 99	\$7 99	125
161	Groveland . . .	15,984 10	36 16	234	1,729 60	3 91	173
162	Weston . . .	34,027 38	98 92	4	—	—	—
163	Groton . . .	23,696 59	65 10	28	—	—	—
164	Wilmington . . .	19,587 80	35 94	238	1,654 65	3 04	184
165	Charlton . . .	12,036 28	32 62	276	1,976 42	5 36	150
166	Douglas . . .	13,121 48	35 18	247	2,104 64	5 64	149
167	Harwich . . .	11,025 33	36 39	233	1,365 98	4 51	163
168	Avon . . .	11,683 75	30 35	296	1,178 48	3 06	183
169	Williamsburg . . .	12,333 60	34 17	258	1,125 00	3 12	182
170	Merrimac . . .	12,967 94	41 30	176	500 00	1 59	205
171	Belchertown . . .	10,568 01	25 97	317	1,765 98	4 34	166
172	Brookfield . . .	13,831 13	42 04	170	1,729 64	5 26	151
173	Upton . . .	9,213 19	35 71	242	1,178 49	4 57	161
174	Wayland . . .	18,651 31	62 59	34	625 00	2 10	201
175	Ashland . . .	14,275 51	44 61	137	1,562 97	4 88	156
176	Duxbury . . .	18,655 73	71 48	15	—	—	—
177	Stockbridge . . .	24,801 02	77 75	9	—	—	—
178	Southborough . . .	18,254 27	58 70	46	1,886 79	6 07	144
179	Rutland . . .	5,846 93	35 87	239	1,828 49	1 12	208
180	Hamilton . . .	24,744 62	75 90	11	—	—	—
181	Sheffield . . .	9,729 80	36 04	237	2,229 65	8 26	123
182	Dennis . . .	9,444 65	46 76	109	1,604 64	7 94	126
183	Townsend . . .	11,371 86	40 04	194	1,729 65	6 09	143
184	Northborough . . .	11,940 39	44 89	131	1,347 77	5 07	153
185	Northfield . . .	8,872 08	31 69	285	1,660 29	5 93	145
186	Marshfield . . .	12,849 87	67 99	23	416 66	2 20	200
187	Carver . . .	8,240 90	51 51	78	1,025 78	6 41	139
188	Sherborn . . .	9,960 06	52 15	72	1,615 99	8 46	120
189	Essex . . .	7,432 70	30 09	298	1,615 98	6 54	136
190	Chatham . . .	10,010 43	39 10	203	1,165 98	4 55	162
191	Lunenburg . . .	10,529 91	39 89	195	2,240 98	8 49	119
192	Westminster . . .	8,787 72	36 46	231	2,254 65	9 36	111
193	Norwell . . .	11,257 29	61 18	38	1,782 64	9 69	107
194	West Newbury . . .	11,000 00	44 53	138	1,243 66	5 04	154
195	Sandwich . . .	11,330 97	47 81	103	1,803 49	7 61	131
196	Shelburne . . .	14,226 98	46 65	111	1,747 27	5 73	147
197	Millis . . .	12,031 67	45 40	125	1,678 48	6 33	141
198	Huntington . . .	9,857 47	40 73	184	2,192 14	9 06	113
199	Yarmouth . . .	12,055 88	53 34	66	2,048 00	9 06	114
200	Plainville . . .	10,126 31	42 55	168	2,081 15	8 74	118
201	Sterling . . .	7,476 24	37 95	215	1,938 98	9 84	105
202	Nahant . . .	18,693 46	83 83	6	—	—	—
203	Chester . . .	8,662 77	31 85	284	2,398 12	8 82	117



# SCHOOL RETURNS

ci

## AND MAINTAINING HIGH SCHOOLS — *Continued*

EVENING, VACATION — CLASSIFIED AS TO SOURCE, Dec. 31, 1918					INCOME FROM MASSACHUSETTS SCHOOL FUND	
From tuition and transportation of State wards	Amount from other sources	FROM ALL SOURCES			Paid to town Jan. 25, 1918	Balance unexpended, Dec. 31, 1918
		Amount	Per pupil in average membership	Rank		
49	50	51	52	53	54	55
\$291 45	\$592 94	\$22,893 58	\$53 12	150	-	-
-	555 97	13,965 66	64 06	88	\$865 99	-
-	70 85	17,784 55	40 24	289	1,104 64	-
-	-	34,027 38	98 92	13	-	-
353 50	27 00	24,077 09	66 15	75	-	-
330 75	4 50	21,577 70	39 59	297	1,029 65	-
-	591 11	14,603 81	39 58	298	1,104 64	-
240 00	135 90	15,602 02	41 83	274	1,104 64	-
153 00	155 25	12,699 56	41 91	272	865 98	-
-	20 00	12,882 23	33 46	342	865 98	-
156 75	1,184 19	14,799 54	41 00	282	865 99	-
313 90	158 48	13,940 32	44 40	243	722 79	\$722 79
475 50	539 31	13,348 80	32 80	346	865 98	-
114 00	240 25	15,915 02	48 37	195	1,104 64	-
-	470 22	10,861 90	42 10	268	865 99	-
440 05	37 47	19,753 83	66 29	74	1,029 65	1,029 65
38 25	183 08	16,059 81	50 19	176	1,104 64	-
-	-	18,655 73	71 48	52	-	-
-	528 25	25,329 27	79 40	31	-	-
162 15	440 25	20,743 46	66 70	71	1,029 65	-
105 00	50 00	7,830 42	48 04	197	1,015 99	-
-	60 00	24,804 62	76 09	39	-	-
-	24 08	11,983 53	44 38	244	1,104 65	-
18 75	9 93	11,077 97	54 84	136	1,104 64	-
189 77	350 54	13,641 82	48 03	198	1,104 65	-
-	88 25	13,376 41	50 29	174	865 98	500 00
-	646 39	11,178 76	39 92	293	722 79	-
-	-	13,266 53	70 19	57	-	-
-	362 50	9,629 18	60 18	107	647 78	9 50
175 00	367 50	12,118 55	63 45	93	865 99	-
37 50	3 60	9,089 78	36 80	325	865 98	-
145 50	-	11,321 91	44 23	245	790 98	-
-	30 50	12,801 39	48 49	194	865 98	-
-	106 74	11,149 11	46 26	217	1,254 65	-
130 50	-	13,170 43	71 58	51	865 98	-
185 40	451 88	12,880 94	52 15	158	1,104 65	610 99
-	-	13,134 46	55 42	132	865 99	-
38 00	8,165 92	24,178 17	79 27	33	865 99	-
-	-	13,710 15	51 74	160	865 98	-
-	756 75	12,806 36	52 92	152	1,254 64	-
-	897 66	15,001 54	66 38	72	1,104 65	56 65
24 00	36 81	12,268 27	51 55	163	1,104 65	-
54 00	607 46	10,076 68	51 15	167	865 99	-
-	-	18,693 46	83 83	22	-	-
26 25	1,290 00	12,377 14	45 50	228	1,254 64	44 02

## DEPARTMENT OF EDUCATION

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	VALUATION OF 1918 PER PUPIL IN NET AVERAGE MEMBERSHIP, YEAR ENDING JUNE 30, 1919		EXPENDITURE FOR SCHOOL SUPPORT FROM LOCAL TAXATION, YEAR ENDING DEC. 31, 1918, PER \$1,000 VALUATION		RATE OF TOTAL TAX PER \$1,000 VALUATION, 1918	
		Amount	Rank	Amount	Rank	Amount	Rank
		56	57	58	59	60	61
159	Sharon . . .	\$8,231	81	\$6 25	193	\$17 00	242
160	Wrentham . . .	8,063	87	6 67	164	22 50	72
161	Groveland . . .	3,435	339	10 70	10	26 40	15
162	Weston . . .	15,022	12	6 76	160	12 50	315
163	Groton . . .	7,844	95	8 32	69	12 50	314
164	Wilmington . .	4,102	303	8 91	42	20 50	135
165	Charlton . . .	4,132	300	8 57	57	17 50	228
166	Douglas . . .	3,986	309	9 09	34	12 50	313
167	Harwich . . .	6,790	137	5 66	239	16 00	264
168	Avon . . .	3,176	347	9 56	23	26 50	11
169	Williamsburg . .	3,539	332	10 37	12	22 00	91
170	Merrimac . . .	5,239	231	7 96	99	25 00	27
171	Belchertown . .	2,928	350	9 78	20	27 00	7
172	Brookfield . . .	4,926	255	8 69	50	19 50	169
173	Upton . . .	5,637	207	6 51	171	18 00	219
174	Wayland . . .	8,352	77	7 70	112	16 60	251
175	Ashland . . .	4,746	264	8 77	48	21 90	92
176	Duxbury . . .	12,980	22	5 51	247	15 70	270
177	Stockbridge . .	14,141	17	5 50	248	17 00	243
178	Southborough . .	7,445	112	8 31	70	16 30	258
179	Rutland . . .	6,226	165	5 83	228	24 25	34
180	Hamilton . . .	12,008	29	6 34	186	10 00	340
181	Sheffield . . .	4,219	296	8 54	60	18 20	206
182	Dennis . . .	6,732	142	6 94	152	17 60	225
183	Townsend . . .	5,069	242	8 07	91	21 60	99
184	Northborough . .	7,300	114	6 17	200	16 70	249
185	Northfield . . .	6,215	168	5 35	256	19 00	181
186	Marshfield . . .	14,521	15	4 68	297	17 00	240
187	Carver . . .	12,763	24	4 14	322	12 80	309
188	Sherborn . . .	8,892	66	6 19	197	11 50	330
189	Essex . . .	5,377	223	5 66	238	18 50	195
190	Chatham . . .	9,550	53	4 23	316	12 60	311
191	Lunenburg . . .	6,353	162	6 16	201	18 00	212
192	Westminster . .	4,138	298	8 70	49	24 00	40
193	Norwell . . .	7,101	124	8 91	41	22 40	75
194	West Newbury . .	4,249	294	10 79	9	26 50	14
195	Sandwich . . .	6,124	175	7 87	103	23 00	59
196	Shelburne . . .	8,573	72	7 34	127	18 00	215
197	Millis . . .	6,044	180	7 51	119	15 00	286
198	Huntington . . .	4,024	306	11 03	6	22 00	85
199	Yarmouth . . .	8,411	75	6 34	187	13 00	308
200	Plainville . . .	4,693	269	9 07	37	21 00	116
201	Sterling . . .	6,718	147	5 38	254	22 50	71
202	Nahant . . .	17,598	8	4 52	305	18 00	214
203	Chester . . .	3,717	324	9 21	32	24 00	39

## ciii

[illegible]

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	YEAR GRADES IN —			PUBLIC DAY ELEMENTARY SCHOOLS				
		Elementary school	Junior high school, if any	Senior high school	PRINCIPALS		TEACHERS		
							FULL TIME		Part time
					Men	Women	Men	Women	
		71	72	73	74	75	76	77	78
159	Sharon . . . .	8	—	4	—	—	—	10	—
160	Wrentham . . . .	8	—	4	—	—	—	7	—
161	Groveland . . . .	8	—	4	—	—	—	11	—
162	Weston . . . .	8	—	4	—	—	—	9	1
163	Groton . . . .	8	—	4	—	—	—	12	—
164	Wilmington . . . .	8	—	4	—	—	—	12	—
165	Charlton . . . .	8	—	4	—	—	—	14	1
166	Douglas . . . .	6	4	—	—	—	—	12	—
167	Harwich . . . .	8	—	4	—	—	—	9	—
168	Avon . . . .	8	—	4	—	—	—	9	—
169	Williamsburg . . . .	8	—	4	—	—	—	13	—
170	Merrimac . . . .	8	—	4	—	—	—	9	2
171	Belchertown . . . .	9	—	4	—	—	—	12	—
172	Brookfield . . . .	8	—	4	—	—	—	11	2
173	Upton . . . .	6	—	6	—	—	—	8	—
174	Wayland . . . .	8	—	4	—	—	1	9	—
175	Ashland . . . .	8	—	4	—	—	—	8	1
176	Duxbury . . . .	8	—	4	—	—	—	10	—
177	Stockbridge . . . .	9	—	4	—	—	—	11	—
178	Southborough . . . .	8	—	4	—	—	—	9	1
179	Rutland . . . .	8	—	4	—	—	—	6	—
180	Hamilton . . . .	6	3	3	—	—	—	10	3
181	Sheffield . . . .	8	—	4	—	—	—	12	—
182	Dennis . . . .	8	—	4	—	—	—	7	1
183	Townsend . . . .	8	—	4	—	—	—	8	—
184	Northborough . . . .	8	—	4	—	—	—	7	—
185	Northfield . . . .	8	—	4	—	—	—	9	—
186	Marshfield . . . .	8	—	4	—	—	—	6	—
187	Carver . . . .	9	—	4	—	—	—	6	—
188	Sherborn . . . .	8	—	4	—	—	—	7	1
189	Essex . . . .	8	—	4	—	—	—	7	—
190	Chatham . . . .	8	—	4	—	—	—	7	—
191	Lunenburg . . . .	8	—	4	—	—	—	8	—
192	Westminster . . . .	8	—	4	—	—	—	11	—
193	Norwell . . . .	8	—	4	—	—	—	7	—
194	West Newbury . . . .	8	—	4	—	—	1	6	2
195	Sandwich . . . .	8	—	4	—	—	1	6	2
196	Shelburne . . . .	8	—	4	—	—	—	7	—
197	Millis . . . .	8	—	4	—	—	—	7	—
198	Huntington . . . .	8	—	4	—	—	—	7	3
199	Yarmouth . . . .	8	—	4	—	—	—	7	1
200	Plainville . . . .	8	—	4	—	—	—	5	3
201	Sterling . . . .	7	3	—	—	—	—	10	2
202	Nahant . . . .	6	4	—	—	—	—	8	—
203	Chester . . . .	8	—	4	—	—	—	12	2

# SCHOOL RETURNS

CV

## AND MAINTAINING HIGH SCHOOLS — *Continued*

(INCLUDING FIRST TWO YEARS OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

PUPILS ENROLLED		Aggregate days' attendance	Average number of days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of principals, supervisors and teachers	Expenditure for textbooks
Boys	Girls				Amount	Per pupil average membership of elementary schools		
79	80	81	82	83	84	85	86	87
221	174	50,330	164	338	\$15,030 93	\$44 47	\$7,623 38	\$407 06
121	88	26,700	172	176	8,760 56	49 78	4,498 78	195 58
192	207	47,733	146	362	10,388 74	28 70	7,288 23	250 00
126	131	38,136	164	257	21,751 45	84 64	10,212 34	347 53
161	158	43,465	157	303	15,768 50	52 04	8,800 92	272 15
223	208	63,546	172	453	12,769 58	28 19	7,137 52	109 88
201	176	48,761	166	339	11,295 02	33 32	8,266 20	194 97
202	198	56,569	170	360	11,594 27	32 21	7,149 45	360 18
148	143	31,556	145	247	8,238 90	33 36	5,390 18	103 34
159	165	45,277	162	299	8,512 66	28 47	5,545 80	405 86
180	169	46,660	169	315	12,116 56	38 47	8,023 25	127 00
151	160	41,989	176	245	8,762 95	35 77	5,340 53	81 06
211	207	55,892	178	357	10,157 56	28 45	6,256 49	180 20
179	163	42,167	162	285	11,767 04	41 29	6,353 82	100 00
137	100	31,924	167	219	7,358 35	33 60	4,367 50	—
136	145	38,016	167	251	13,367 46	53 26	7,508 95	205 87
169	129	40,742	158	280	12,784 07	45 66	5,153 72	214 46
130	106	29,777	154	212	10,580 19	49 91	6,556 02	293 79
147	156	38,374	161	262	14,133 25	53 94	8,683 28	76 66
136	145	40,603	166	253	11,618 36	45 92	6,746 43	128 12
74	79	20,543	161	145	9,106 66	62 80	4,574 18	240 38
139	156	38,365	166	265	15,537 81	58 63	8,936 00	233 84
132	105	32,997	172	236	8,761 32	37 12	6,420 65	117 69
86	104	26,080	163	162	6,303 41	38 91	4,108 00	257 87
133	135	34,185	160	236	11,294 82	47 86	5,484 14	208 25
138	123	34,380	170	230	9,268 86	40 30	5,028 29	80 60
144	115	32,532	166	225	8,052 94	35 79	5,232 00	53 34
89	90	22,827	164	150	10,290 37	68 60	4,250 15	514 23
89	66	20,603	169	135	5,756 84	42 64	3,481 88	225 00
98	78	25,175	163	168	8,849 74	52 68	4,840 83	224 30
102	121	31,078	169	202	6,465 64	32 01	4,020 83	112 27
113	116	29,286	161	204	6,529 94	32 01	4,322 05	115 03
132	107	33,714	172	220	9,090 08	41 32	5,567 77	171 37
130	116	32,542	168	217	16,638 30	76 67	5,872 69	56 67
85	63	21,423	167	141	8,497 01	60 26	4,379 00	120 64
113	150	27,783	158	197	7,562 16	38 39	4,734 55	188 12
104	92	28,511	158	190	6,796 89	35 77	4,474 17	255 72
86	80	26,159	174	163	8,071 10	49 52	4,374 50	395 31
105	113	31,848	168	212	7,594 22	36 29	4,548 00	25 00
118	93	29,800	163	198	7,788 20	39 33	3,725 39	74 94
100	96	26,219	167	173	7,516 12	43 45	5,677 15	162 60
119	97	29,709	167	197	8,689 54	44 11	4,019 51	156 70
107	69	24,569	170	165	9,040 76	54 79	6,550 07	132 16
112	108	30,900	165	203	9,809 09	48 32	6,213 93	216 72
138	123	38,510	177	235	8,558 08	36 42	7,350 10	123 13

## DEPARTMENT OF EDUCATION

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	Number of high schools	PUBLIC DAY HIGH SCHOOLS (INCLUDING						
			PRINCIPALS		TEACHERS			PUPILS ENROLLED	
					FULL TIME		Part time		
			Men	Women	Men	Women		Boys	Girls
		88	89	90	91	92	93	94	95
159	Sharon . . . .	1	1	-	-	4	-	39	63
160	Wrentham . . . .	1	-	-	1	3	-	16	29
161	Groveland . . . .	1	-	-	1	4	-	46	48
162	Weston . . . .	1	-	-	1	4	1	44	48
163	Groton . . . .	1	-	-	1	4	-	28	44
164	Wilmington . . . .	1	1	-	-	5	-	40	65
165	Charlton . . . .	1	-	-	1	1	1	11	21
166	Douglas . . . .	1	-	-	1	1	-	4	10
167	Harwich . . . .	1	-	-	1	2	-	27	33
168	Avon . . . .	1	-	-	1	3	-	37	58
169	Williamsburg . . . .	1	-	-	-	3	-	23	26
170	Merrimac . . . .	1	-	-	1	3	2	38	40
171	Belchertown . . . .	1	-	-	1	2	1	38	21
172	Brookfield . . . .	1	-	-	-	3	2	18	28
173	Upton . . . .	1	-	-	1	2	1	22	20
174	Wayland . . . .	1	-	-	1	3	-	27	28
175	Ashland . . . .	1	-	-	1	3	-	15	31
176	Duxbury . . . .	1	-	-	2	2	-	22	34
177	Stockbridge . . . .	1	-	-	-	4	-	25	35
178	Southborough . . . .	1	-	-	2	2	1	19	43
179	Rutland . . . .	1	-	-	1	1	-	9	11
180	Hamilton . . . .	1	-	-	1	5	-	32	34
181	Sheffield . . . .	1	-	-	1	2	-	22	19
182	Dennis . . . .	1	-	-	1	2	-	20	25
183	Townsend . . . .	1	-	-	1	2	-	33	25
184	Northborough . . . .	1	-	-	-	3	1	15	23
185	Northfield . . . .	1	-	-	-	3	-	27	33
186	Marshfield . . . .	1	-	-	2	1	-	15	36
187	Carver . . . .	1	-	-	1	1	-	5	26
188	Sherborn . . . .	1	-	-	1	1	-	9	17
189	Essex . . . .	1	-	-	1	2	-	22	28
190	Chatham . . . .	1	-	-	-	3	-	28	31
191	Lunenburg . . . .	1	-	-	1	3	-	21	26
192	Westminster . . . .	1	-	-	1	2	-	10	16
193	Norwell . . . .	1	-	-	1	3	-	13	34
194	West Newbury . . . .	1	-	-	1	2	2	30	29
195	Sandwich . . . .	1	-	-	-	3	3	26	25
196	Shelburne . . . .	1	1	-	1	6	-	69	98
197	Millis . . . .	1	1	-	-	3	-	27	31
198	Huntington . . . .	1	-	-	-	3	3	26	27
199	Yarmouth . . . .	1	-	-	2	3	-	24	37
200	Plainville . . . .	1	-	-	1	2	3	21	22
201	Sterling . . . .	1	-	-	1	1	-	16	29
202	Nahant . . . .	1	-	-	-	5	-	5	14
203	Chester . . . .	1	-	-	-	3	2	20	23

<sup>1</sup> Also expended \$577 for the tuition and transportation of 4 pupils attending other high schools, of which \$350 is reimbursed by the State.

<sup>2</sup> Also expended \$1,066.64 for the tuition and transportation of 9 pupils attending other high schools, of which \$416.73 is reimbursed by the State.

# SCHOOL RETURNS

cvii

## AND MAINTAINING HIGH SCHOOLS — *Continued*

THIRD YEAR OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

Aggregate days' attendance	Days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of prin- cipals, supervisors and teachers	Expenditure for textbooks
			Amount	Per pupil in aver- age member- ship of high school		
96	97	98	99	100	101	102
14,296	164	93	\$8,273 21	\$88 96	\$5,495 50	\$238 97
6,913	177	42	4,737 98	112 81	3,377 83	104 63
13,240	174	80	6,248 99	78 11	4,733 75	156 29
13,582	164	87	14,557 12	167 32	8,409 90	326 05
8,935	157	61	7,662 61	125 62	5,230 00	84 79
15,765	180	92	7,611 90	82 74	5,580 00	146 69
3,986	148	30	2,446 43	81 55	1,771 48	72 46
1,958	169	13	4,008 76	308 36	2,325 05	158 05
7,695	164	56	4,039 76	72 14	2,756 70	121 16
13,838	170	86	4,249 22	49 41	3,571 00	128 22
7,158	174	46	3,322 35	72 23	2,325 00	63 00
10,822	177	69	4,463 35	64 69	3,711 00	105 50
7,876	179	50	3,824 95	76 50	2,500 00	120 20
7,340	179	44	4,227 59	96 08	2,408 89	104 19
6,276	178	39	4,265 97	109 38	2,693 50	83 78
7,113	165	47	7,609 03	161 89	4,255 45	107 97
6,095	164	40	4,479 46	111 99	3,278 73	83 41
6,650	148	49	7,926 10	161 76	3,443 75	185 07
8,526	160	57	8,158 56	143 13	4,846 66	110 16
9,764	167	58	6,566 26	113 21	3,992 15	126 66
3,102	163	18	2,806 37	155 91	2,200 00	80 00
9,678	171	61	9,949 51	163 11	5,980 00	202 18
5,263	175	34	3,468 22	102 01	2,738 50	73 71
6,327	171	40	4,197 18	104 93	2,744 50	86 21
7,093	160	48	3,429 31	71 44	2,672 45	145 72
5,339	169	36	5,324 16	147 89	3,833 29	229 43
8,606	166	55	4,316 02	78 47	2,658 00	53 34
5,854	163	39	3,822 48	98 01	2,534 00	95 82
4,068	178	25	4,023 17	160 93	1,950 00	75 00
3,525	168	23	3,672 45	159 67	2,310 00	279 35
6,986	166	45	3,232 30	71 83	2,450 00	52 61
7,410	166	52	3,980 86	76 56	2,512 50	252 05
7,030	174	44	3,955 04	89 89	3,420 45	80 73
3,824	174	24	2,966 33	123 60	2,425 00	13 44
6,625	166	43	4,833 17	112 40	3,725 00	58 93
7,937	168	50	4,692 15	93 84	2,895 00	32 04
7,757	179	47	5,622 26	119 62	3,560 00	158 18
23,165	176	142	14,822 42	104 38	7,966 75	269 97
8,150	173	53	5,628 52	106 20	3,922 50	95 00
7,273	181	44	5,004 62	113 74	2,825 00	214 24
8,673	177	53	7,172 32	135 33	4,104 35	307 18
6,614	170	41	4,447 54	108 48	3,206 00	104 40
5,383	179	32	1,615 03 <sup>2</sup>	50 47	1,317 00	43 15
3,168	166	20	5,590 21 <sup>3</sup>	279 51	3,048 80	101 62
6,406	178	37	4,103 14	110 90	2,919 50	35 91

<sup>3</sup> Does not include \$1,653.15 for tuition and \$262.61 for transportation of 12 pupils to other high schools.

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	EMPLOYMENT CERTIFICATES AND HOME PERMITS					
		EMPLOYMENT CERTIFICATES ISSUED			DIFFERENT		
		To boys	To girls	Total	EMPLOYMENT CERTIFICATES		
					Boys	Girls	Total
		111	112	113	114	115	116
159	Sharon . . .	6	3	9	2	2	4
160	Wrentham . . .	5	5	10	4	3	7
161	Groveland . . .	43	9	52	24	4	28
162	Weston . . .	3	1	4	3	1	4
163	Groton . . .	1	-	1	1	-	1
164	Wilmington . . .	15	9	24	14	6	20
165	Charlton . . .	10	19	29	10	16	26
166	Douglas . . .	26	15	41	17	6	23
167	Harwich . . .	3	3	6	3	3	6
168	Avon . . .	17	13	30	10	7	17
169	Williamsburg . . .	27	8	35	19	7	26
170	Merrimac . . .	18	6	24	9	1	10
171	Belchertown . . .	7	4	11	7	4	11
172	Brookfield . . .	16	12	28	13	6	19
173	Upton . . .	10	7	17	8	6	14
174	Wayland . . .	8	6	14	8	3	11
175	Ashland . . .	14	12	26	4	8	12
176	Duxbury . . .	1	-	1	-	-	-
177	Stockbridge . . .	8	1	9	6	1	7
178	Southborough . . .	7	6	13	3	5	8
179	Rutland . . .	4	-	4	2	-	2
180	Hamilton . . .	4	1	5	4	1	5
181	Sheffield . . .	1	-	1	-	-	-
182	Dennis . . .	2	-	2	1	-	1
183	Townsend . . .	7	-	7	4	-	4
184	Northborough . . .	9	11	20	7	3	10
185	Northfield . . .	1	-	1	1	-	1
186	Marshfield . . .	3	-	3	3	-	3
187	Carver . . .	4	1	5	3	1	4
188	Sherborn . . .	6	5	11	4	6	10
189	Essex . . .	6	2	8	5	1	6
190	Chatham . . .	1	-	1	1	-	1
191	Lunenburg . . .	8	12	20	8	7	15
192	Westminster . . .	11	2	13	6	3	9
193	Norwell . . .	4	2	6	3	2	5
194	West Newbury . . .	13	10	23	4	2	6
195	Sandwich . . .	3	1	4	3	1	4
196	Shelburne . . .	10	1	11	8	1	9
197	Millis . . .	16	9	25	10	6	16
198	Huntington . . .	7	12	19	6	12	18
199	Yarmouth . . .	9	1	10	5	1	6
200	Plainville . . .	7	12	19	3	4	7
201	Sterling . . .	-	-	-	-	-	-
202	Nahant . . .	21	5	26	14	2	16
203	Chester . . .	2	-	2	2	-	2



## cix

ISSUED TO PERSONS 14 TO 16 YEARS OF AGE, YEAR ENDING JUNE 30, 1919

[illegible]

## DEPARTMENT OF EDUCATION

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	Kindergarten	MEMBERSHIP IN PUBLIC DAY						
			ELEMENTARY						
			Special classes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
		126	127	128	129	130	131	132	133
159	Sharon . . .	-	-	40	46	49	43	41	40
160	Wrentham . . .	-	-	27	24	18	22	20	20
161	Groveland . . .	-	-	45	54	55	45	48	42
162	Weston . . .	-	-	45	24	32	30	36	30
163	Groton . . .	-	-	43	47	42	39	34	38
164	Wilmington . . .	-	-	50	65	44	56	58	55
165	Charlton . . .	-	-	53	44	57	52	42	39
166	Douglas . . .	-	-	81	60	58	58	44	35
167	Harwich . . .	-	-	32	36	32	38	30	34
168	Avon . . .	-	-	26	44	38	26	55	45
169	Williamsburg . . .	-	-	73	55	55	47	43	38
170	Merrimac . . .	-	-	43	32	43	36	28	34
171	Belchertown . . .	-	-	61	55	49	53	51	53
172	Brookfield . . .	-	-	42	43	42	39	43	28
173	Upton . . .	-	-	35	33	32	30	30	30
174	Wayland . . .	-	-	43	41	24	31	34	35
175	Ashland . . .	-	-	50	41	33	34	39	40
176	Duxbury . . .	-	-	34	30	22	25	26	24
177	Stockbridge . . .	-	-	30	25	38	26	36	28
178	Southborough . . .	-	-	41	42	36	39	37	38
179	Rutland . . .	-	-	19	19	16	23	24	12
180	Hamilton . . .	-	-	41	34	24	41	38	35
181	Sheffield . . .	-	-	49	36	37	34	27	26
182	Dennis . . .	-	-	19	24	14	25	21	17
183	Townsend . . .	-	-	44	28	37	29	25	36
184	Northborough . . .	-	-	32	33	32	29	30	32
185	Northfield . . .	-	-	33	27	35	24	42	27
186	Marshfield . . .	-	-	15	8	23	18	26	27
187	Carver . . .	-	-	34	23	21	20	13	22
188	Sherborn . . .	-	-	32	27	25	28	18	23
189	Essex . . .	-	-	21	28	25	31	27	14
190	Chatham . . .	-	-	33	32	21	23	25	22
191	Lunenburg . . .	-	-	38	35	34	28	44	26
192	Westminster . . .	-	-	38	36	35	29	27	23
193	Norwell . . .	-	-	22	21	20	22	23	28
194	West Newbury . . .	-	-	29	29	30	30	37	37
195	Sandwich . . .	-	-	19	25	29	17	33	27
196	Shelburne . . .	-	-	19	20	28	16	20	22
197	Millis . . .	-	-	59	33	22	34	13	27
198	Huntington . . .	-	-	28	23	32	26	35	24
199	Yarmouth . . .	-	-	20	19	24	25	38	33
200	Plainville . . .	-	-	37	27	20	34	21	26
201	Sterling . . .	-	-	19	27	29	26	27	28
202	Nahant . . .	-	-	24	27	22	24	27	22
203	Chester . . .	-	-	44	37	42	28	34	39

## SCHOOL RETURNS

cxi

AND MAINTAINING HIGH SCHOOLS — *Continued*

SCHOOLS, BY GRADES, APRIL 1, 1919

SCHOOL				HIGH SCHOOL								Grand total
Grade 7, or first year Junior High	Grade 8, or Junior 2	Grade 9, if in elementary school	Total	First year, or Junior 3	Second year	Third year	Fourth year	Fifth year, if any	Post-graduates	Total		
134	135	136	137	138	139	140	141	142	143	144	145	
40	38	-	337	36	24	26	9	-	-	95	432	
20	24	-	175	13	10	11	9	-	-	43	218	
41	35	-	365	25	25	17	17	-	-	84	449	
34	23	-	254	31	24	19	11	-	2	87	341	
28	32	-	303	20	18	10	9	-	2	59	362	
50	35	-	413	33	29	18	14	-	-	94	507	
28	23	-	338	8	9	7	6	-	-	30	368	
28	8	-	372	8	6	-	-	-	-	14	386	
24	31	-	257	15	11	14	12	-	-	52	309	
45	45	-	324	30	25	19	15	-	-	89	413	
37	25	-	373	20	17	6	6	-	-	49	422	
34	30	-	280	26	22	16	14	-	-	78	358	
52	26	18	418	22	16	12	9	-	-	59	477	
31	22	-	290	22	12	12	-	-	-	46	336	
21	18	-	229	10	12	11	9	-	-	42	271	
17	27	-	252	16	12	7	11	-	-	46	298	
32	17	-	286	12	12	8	7	-	-	39	325	
27	30	-	218	19	12	10	12	-	-	53	271	
27	25	26	261	17	13	6	19	-	-	55	316	
15	19	-	267	15	11	16	15	-	-	57	324	
21	19	-	153	9	2	6	3	-	-	20	173	
39	32	-	284	22	15	12	9	-	3	61	345	
20	13	-	242	15	9	4	4	-	-	32	274	
15	19	-	154	15	9	10	7	-	-	41	195	
30	15	-	244	22	10	13	1	-	-	46	290	
25	17	-	230	10	11	5	9	-	-	35	265	
18	30	-	236	20	27	8	5	-	-	60	296	
18	23	-	158	14	14	6	9	-	-	43	201	
12	4	7	156	9	6	5	3	-	-	23	179	
16	12	-	181	10	7	6	2	-	-	25	206	
34	26	-	206	17	12	8	6	-	1	44	250	
31	20	-	207	22	11	9	8	-	-	50	257	
12	8	-	225	23	12	7	5	-	-	47	272	
15	16	-	219	8	4	8	4	-	-	24	243	
13	15	-	164	21	9	6	8	-	-	44	208	
20	19	-	231	7	13	14	20	-	-	54	285	
25	15	-	190	20	11	8	7	-	-	46	236	
21	16	-	162	47	32	28	30	-	-	137	299	
25	21	-	234	18	17	18	5	-	-	58	292	
20	11	-	199	23	13	2	5	-	-	43	242	
30	18	-	207	17	14	8	13	-	-	52	259	
19	19	-	203	14	13	6	8	-	-	41	244	
16	16	-	188	9	3	-	-	-	-	12	200	
18	21	-	185	11	9	-	-	-	-	20	205	
21	15	-	260	21	9	8	5	-	-	43	303	

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	PRINCIPALS AND FULL-TIME						
		ELEMENTARY SCHOOL						Total
		Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	
		146	147	148	149	150	151	152
159	Sharon . . .	-	-	9	-	1	-	10
160	Wrentham . . .	-	-	7	-	-	-	7
161	Groveland . . .	-	-	10	-	1	-	11
162	Weston . . .	-	-	7	1	1	-	9
163	Groton . . .	-	-	9	-	3	-	12
164	Wilmington . . .	-	-	6	-	6	-	12
165	Charlton . . .	-	-	7	-	7	-	14
166	Douglas . . .	-	-	8	-	4	-	12
167	Harwich . . .	-	-	8	-	1	-	9
168	Avon . . .	-	-	-	9	-	-	9
169	Williamsburg . . .	-	-	7	-	6	-	13
170	Merrimac . . .	-	-	6	2	1	-	9
171	Belchertown . . .	-	-	1	-	11	-	12
172	Brookfield . . .	-	-	5	-	6	-	11
173	Upton . . .	-	-	8	-	-	-	8
174	Wayland . . .	-	-	7	2	1	-	10
175	Ashland . . .	-	-	5	1	2	-	8
176	Duxbury . . .	-	1	2	-	7	-	10
177	Stockbridge . . .	-	-	9	-	2	-	11
178	Southborough . . .	-	-	7	-	2	-	9
179	Rutland . . .	-	-	5	-	1	-	6
180	Hamilton . . .	-	-	7	1	2	-	10
181	Sheffield . . .	-	-	8	-	3	1	12
182	Dennis . . .	-	-	6	1	-	-	7
183	Townsend . . .	-	1	6	-	-	1	8
184	Northborough . . .	-	-	7	-	-	-	7
185	Northfield . . .	-	-	2	-	7	-	9
186	Marshfield . . .	-	-	1	1	4	-	6
187	Carver . . .	-	-	5	-	1	-	6
188	Sherborn . . .	-	-	7	-	-	-	7
189	Essex . . .	-	-	1	2	3	1	7
190	Chatham . . .	-	-	6	-	1	-	7
191	Lunenburg . . .	-	-	8	-	-	-	8
192	Westminster . . .	-	-	7	1	3	-	11
193	Norwell . . .	-	-	3	-	4	-	7
194	West Newbury . . .	-	-	5	-	2 <sup>1</sup>	-	7
195	Sandwich . . .	-	-	5	2	-	-	7
196	Shelburne . . .	-	-	6	-	-	1	7
197	Millis . . .	-	-	7	-	-	-	7
198	Huntington . . .	-	-	4	1	2	-	7
199	Yarmouth . . .	-	-	6	1	-	-	7
200	Plainville . . .	-	-	4	-	1	-	5
201	Sterling . . .	-	-	9	-	1	-	10
202	Nahant . . .	-	1	7	-	-	-	8
203	Chester . . .	-	-	10	-	2	-	12

<sup>1</sup> These also attended summer normal school two years.

## SCHOOL RETURNS

cxiii

AND MAINTAINING HIGH SCHOOLS — *Continued*

TEACHERS, CLASSIFIED ACCORDING TO TRAINING, JAN. 1, 1919

HIGH SCHOOL							Grand total
Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total	
153	154	155	156	157	158	159	160
-	5	-	-	-	-	5	15
-	3	1	-	-	-	4	11
1	3	-	-	1	-	5	16
-	5	-	-	-	-	5	14
-	4	-	-	1	-	5	17
-	4	1	-	1	-	6	18
-	1	-	-	1	-	2	16
-	2	-	-	-	-	2	14
-	3	-	-	-	-	3	12
-	-	3	1	-	-	4	13
-	3	-	-	-	-	3	16
-	3	1	-	-	-	4	13
-	3	-	-	-	-	3	15
-	3	-	-	-	-	3	14
-	3	-	-	-	-	3	11
-	4	-	-	-	-	4	14
1	2	-	-	1	-	4	12
-	4	-	-	-	-	4	14
-	3	1	-	-	-	4	15
-	4	-	-	-	-	4	13
-	2	-	-	-	-	2	8
-	3	3	-	-	-	6	16
-	2	-	1	-	-	3	15
-	2	1	-	-	-	3	10
-	3	-	-	-	-	3	11
-	3	-	-	-	-	3	10
-	2	-	-	1	-	3	12
-	3	-	-	-	-	3	9
-	2	-	-	-	-	2	8
1	1	-	-	-	-	2	9
-	3	-	-	-	-	3	10
-	3	-	-	-	-	3	10
-	3	1	-	-	-	4	12
-	3	-	-	-	-	3	14
-	4	-	-	-	-	4	11
-	2	1	-	-	-	3	10
-	1	1	-	1	-	3	10
-	6	1	-	-	1	8	15
-	3	1	-	-	-	4	11
-	3	1	-	-	-	4	11
-	2	-	-	3	-	5	12
-	2	1	-	-	-	3	8
-	1	1	-	-	-	2	12
-	3	1	-	1	-	5	13
-	3	-	-	-	-	3	15

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	SCHOOL BUILDINGS IN USE, JAN. 1, 1919				ESTIMATED VALUE	
		One-room buildings	Two-room buildings	Buildings of three or more rooms	Total	ELEMENTARY	
						Sites	Buildings
		161	162	163	164	165	166
159	Sharon . . . .	-	-	3	3	\$1,600	\$25,000
160	Wrentham . . . .	2	-	1	3	2,500	15,900
161	Groveland . . . .	3	2	2	7	2,500	28,000
162	Weston . . . . .	1	-	3	4	3,000	35,000
163	Groton . . . . .	2	-	3	5	3,000	71,500
164	Wilmington . . . .	2	-	4	6	2,000	26,000
165	Charlton . . . . .	11	1	1	13	850	16,100
166	Douglas . . . . .	4	1	1	6	1,500	22,500
167	Harwich . . . . .	2	4	-	6	200	20,000
168	Avon . . . . .	-	-	2	2	800	23,000
169	Williamsburg . . . .	5	-	2	7	450	27,000
170	Merrimac . . . . .	1	1	2	4	-	13,200
171	Belchertown . . . .	6	-	2	8	2,000	11,000
172	Brookfield . . . . .	2	1	2	5	900	43,300
173	Upton . . . . .	-	-	3	3	1,000	24,000
174	Wayland . . . . .	-	-	2	2	1,100	46,625
175	Ashland . . . . .	-	-	3	3	1,600	19,000
176	Duxbury . . . . .	8	1	1	10	1,500	12,000
177	Stockbridge . . . . .	1	1	2	4	3,750	45,800
178	Southborough . . . .	1	-	2	3	500	19,000
179	Rutland . . . . .	2	-	1	3	1,400	12,000
180	Hamilton . . . . .	1	1	1	3	3,600	48,000
181	Sheffield . . . . .	7	1	1	9	2,000	11,000
182	Dennis . . . . .	5	-	1	6	550	7,500
183	Townsend . . . . .	1	-	2	3	300	7,000
184	Northborough . . . .	1	-	2	3	300	15,000
185	Northfield . . . . .	4	2	1	7	5,000	20,000
186	Marshfield . . . . .	2	3	-	5	2,000	6,000
187	Carver . . . . .	2	2	1	5	575	7,500
188	Sherborn . . . . .	1	1	2	4	1,400	26,000
189	Essex . . . . .	1	2	1	4	700	24,000
190	Chatham . . . . .	1	3	1	5	400	8,000
191	Lunenburg . . . . .	2	1	1	4	450	9,000
192	Westminster . . . . .	7	-	1	8	700	7,000
193	Norwell . . . . .	1	2	1	4	1,200	6,600
194	West Newbury . . . .	-	-	2	2	-	40,000
195	Sandwich . . . . .	3	-	2	5	700	12,000
196	Shelburne . . . . .	3	-	1	4	1,000	12,500
197	Millis . . . . .	-	1	2	3	1,000	15,000
198	Huntington . . . . .	3	-	2	5	2,125	25,000
199	Yarmouth . . . . .	-	2	1	3	550	12,000
200	Plainville . . . . .	-	-	2	2	2,500	35,000
201	Sterling . . . . .	7	2	-	9	200	8,150
202	Nahant . . . . .	-	-	2	2	5,000	40,000
203	Chester . . . . .	5	-	2	7	8,500	32,500

## SCHOOL RETURNS

CXV

AND MAINTAINING HIGH SCHOOLS — *Continued*

OF PUBLIC SCHOOL PROPERTY						Grand total
SCHOOLS		HIGH SCHOOLS				
Equipment (furniture, apparatus, libraries, etc.)	Total	Sites	Buildings	Equipment (furniture, apparatus, libraries, etc.)	Total	
167	168	169	170	171	172	173
\$3,000	\$29,600	\$800	\$25,000	\$3,000	\$28,800	\$58,400
910	19,310	1,200	8,000	500	9,700	29,010
5,400	35,900	500	12,000	3,100	15,600	51,500
5,000	43,000	5,000	40,000	4,000	49,000	92,000
4,300	78,800	2,000	30,000	2,700	34,700	113,500
3,000	31,000	2,000	35,000	3,000	40,000	71,000
1,000	17,950	150	1,300	350	1,800	19,750
1,500	25,500	500	7,500	500	8,500	34,000
2,500	22,700	100	4,000	1,200	5,300	28,000
1,300	25,100	200	2,000	700	2,900	28,000
2,790	30,240	1,000	40,000	1,950	42,950	73,190
500	13,700	-	8,800	300	9,100	22,800
3,000	16,000	1,000	5,000	500	6,500	22,500
8,000	52,200	250	12,000	3,000	15,250	67,450
4,000	29,000	1,500	20,000	3,500	25,000	54,000
600	48,325	600	15,625	500	16,725	65,050
5,000	25,600	600	10,000	3,000	13,600	39,200
1,250	14,750	-	-	-	-	14,750
3,400	52,950	2,500	37,500	3,300	43,300	96,250
1,600	21,100	400	20,000	1,400	21,800	42,900
700	14,100	1,000	10,000	300	11,300	25,400
2,250	53,850	1,200	20,000	500	21,700	75,550
1,000	14,000	1,000	20,000	1,800	22,800	36,800
1,200	9,250	50	1,500	600	2,150	11,400
1,500	8,800	200	9,250	500	9,950	18,750
1,600	16,900	400	8,000	900	9,300	26,200
1,000	26,000	3,000	25,000	1,000	29,000	55,000
1,000	9,000	-	1,000	700	1,700	10,700
1,200	9,275	200	3,000	300	3,500	12,775
1,200	28,600	1,000	25,000	750	26,750	55,350
1,500	26,200	200	6,000	300	6,500	32,700
1,500	9,900	500	2,500	1,500	4,500	14,400
1,500	10,950	400	15,000	1,000	16,400	27,350
1,000	8,700	500	16,000	600	17,100	25,800
1,000	8,800	200	3,100	500	3,800	12,600
1,000	41,000	-	2,000	400	2,400	43,400
1,400	14,100	300	5,000	1,000	6,300	20,400
500	14,000	-	-	-	-	14,000
900	16,900	1,200	35,000	1,200	37,400	54,300
1,500	28,625	2,000	20,000	1,500	23,500	52,125
1,400	13,950	50	4,000	2,000	6,050	20,000
1,900	39,400	1,500	15,000	2,000	18,500	57,900
400	8,750	1,000	2,500	200	3,700	12,450
5,000	50,000	5,000	40,000	5,000	50,000	100,000
2,000	43,000	-	-	1,000	1,000	44,000

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	Population, State Census, 1915	Valuation, as of April 1, 1918	TEACHING STAFF IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELE- MENTARY, HIGH — JAN. 1, 1919					
				SUPERVISORS		Principals	TEACHERS		
				Full time	Part time		Full time	Part time	
		1	2	3	4	5	6	7	
204	Pembroke . . .	1,337	\$1,354,725	-	2	-	10	-	
205	Tisbury . . .	1,324	2,098,508	-	-	-	12	-	
206	West Boylston . .	1,318	1,107,280	-	2	-	11	-	
207	Edgartown . . .	1,276	1,710,820	-	1	1	8	-	
208	Oak Bluffs . . .	1,245	2,263,630	-	-	1	9	3	
209	Littleton . . .	1,228	1,342,485	-	-	-	9	4	
210	Conway . . .	1,220	920,990	-	-	-	10	-	
211	Sudbury . . .	1,206	1,435,130	-	2	-	9	-	
212	Topsfield . . .	1,173	2,193,476	-	2	-	8	-	
213	Orleans . . .	1,166	1,324,320	-	1	-	8	1	
214	Stow . . .	1,127	1,141,777	-	2	-	8	-	
215	New Marlborough . .	1,030	1,163,703	-	-	-	13	-	
216	Dover . . .	999	2,668,090	-	-	-	8	2	
217	Ashfield . . .	994	988,756	-	-	-	12	-	
218	Charlemont . . .	977	704,369	-	2	-	9	-	
219	Wellfleet . . .	936	808,920	-	-	-	6	1	
220	Brimfield . . .	934	729,190	-	2	-	10	1	
221	Mendon . . .	933	760,935	-	-	1	6	1	
222	Ashby . . .	922	701,058	-	2	-	6	-	
223	Princeton . . .	800	1,119,544	-	3	-	8	-	
224	Bernardston . . .	790	600,355	-	1	-	7	-	
225	Brewster . . .	783	812,569	-	-	-	5	1	
226	Bolton . . .	768	806,267	-	2	-	5	-	
227	Petersham . . .	727	1,071,897	-	-	-	8	1	
228	New Salem . . .	625	555,169	-	-	1	7	-	
	Totals . . .	260,686	\$279,902,655	15	136	25	1,678 <sup>2</sup>	93	

<sup>1</sup> Estimated.



## SCHOOL RETURNS

cxvii

AND MAINTAINING HIGH SCHOOLS — *Continued*

PERSONS 5 TO 16 YEARS OF AGE, APRIL 1, 1919									ILLITERATE MINORS, 16 TO 21 YEARS OF AGE	
5 TO 7 YEARS			7 TO 14 YEARS			14 TO 16 YEARS			In registration of mi- nors, April 1, 1919	Receiving employment certificates, year end- ing Aug. 31, 1918
In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership		
8	9	10	11	12	13	14	15	16	17	18
19	30	-	140	146	-	29	27	-	-	-
32	17	-	144	144	-	47	45	-	-	-
66	45	-	181	155	-	42	25	-	-	-
39	10	-	152	143	-	32	32	-	-	-
48	18	-	169	169	-	52	32	-	-	-
49	14	-	158	157	-	50	41	-	-	-
30	15	-	148 <sup>1</sup>	144	-	34 <sup>1</sup>	28	-	-	-
58	29	-	151 <sup>1</sup>	151	12	35	21	3	-	9
36	34	-	122	105	-	13	19	-	-	-
25	16	-	101	101	-	45	45	-	-	-
48	13	-	143	134	-	37	39	-	-	-
28	13	-	169	157	-	27	23	-	-	-
28	14	8	81	76	31	25	21	-	-	-
28	15	-	100	109	-	27	35	-	-	-
15	8	-	90	90	-	27	34	-	-	-
30	20	-	100	98	-	36	29	-	-	-
10	13	-	121	119	-	39	33	-	-	-
25	25	-	121	108	-	30	28	-	-	-
38	6	-	112	104	-	29	23	-	-	-
25	12	-	72	76	-	21	14	-	-	-
18	14	-	103	90	-	29	27	-	-	-
13	5	-	83	83	-	13	13	-	-	-
24	19	-	89	85	-	14	9	-	-	-
12	12	-	108	110	-	30	27	-	-	-
12	9	-	66	60	-	21	20	-	-	-
7,922	5,053	206	32,013	30,596	1,044	7,673	5,722	384	197	79

<sup>2</sup> Some full-time teachers serve as part-time teachers in elementary schools and in high schools.

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		PUPILS IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — YEAR ENDING JUNE 30, 1919						
		Pupils enrolled	Aggregate days' attendance	Average daily attendance	Average number of days in session	Average membership	Pupils for whom town pays tuition for not less than half of school year	Nonresidents who attended not less than half of school year
		19	20	21	22	23	24	25
204	Pembroke . . .	225	32,563	184	177	197	3	13
205	Tisbury . . .	262	27,838	207	135	231	—	13
206	West Boylston . . .	312	37,963	241	171	259	—	—
207	Edgartown . . .	198	22,974	160	144	181	—	—
208	Oak Bluffs . . .	233	26,742	178	153	198	—	—
209	Littleton . . .	247	34,692	219	162	229	—	1
210	Conway . . .	191	26,676	174	154	187	—	11
211	Sudbury . . .	222	27,005	159	170	189	—	—
212	Topsfield . . .	165	23,326	143	164	158	—	9
213	Orleans . . .	199	27,241	158	172	179	—	10
214	Stow . . .	200	31,756	183	174	198	—	2
215	New Marlborough . . .	190	28,555	163	175	187	—	—
216	Dover . . .	124	18,901	109	173	121	—	7
217	Ashfield . . .	197	26,576	165	161	181	—	14
218	Charlмонт . . .	157	21,149	125	172	141	—	27
219	Wellfleet . . .	160	23,901	134	183	145	—	—
220	Brimfield . . .	220	28,254	177	160	195	—	31
221	Mendon . . .	173	21,749	133	164	153	—	—
222	Ashby . . .	163	20,987	131	160	148	—	—
223	Princeton . . .	151	17,777	105	169	115	2	9
224	Bernardston . . .	179	22,580	140	161	152	—	16
225	Brewster . . .	113	16,170	99	162	104	—	3
226	Bolton . . .	113	15,048	88	172	98	4	—
227	Petersham . . .	163	20,303	130	156	146	—	4
228	New Salem . . .	131	18,243	105	174	115	1	33
	Totals . . .	46,132	6,288,361	37,792	166	41,558	236	1,182

## SCHOOL RETURNS

cxix

AND MAINTAINING HIGH SCHOOLS — *Continued*

Net average membership (Column 23 + 24 — 25)	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS — DAY, EVENING, VACATION — YEAR ENDING JUNE 30, 1919				
	INSTRUCTION				Operation of school plant, — janitor service, fuel and miscellaneous ex- penses.
	General control	Salaries and expenses of supervisors, prin- cipals and teachers	Textbooks	Stationery, supplies and other expenses of instruction	
26	27	28	29	30	31
187	\$848 09	\$6,738 50	\$56 34	\$83 38	\$1,312 34
218	769 10	9,368 36	336 13	296 68	1,642 15
259	948 56	8,308 00	93 34	260 17	2,471 69
181	728 67	7,969 71	217 51	760 05	942 18
198	788 47	8,289 70	113 26	273 14	845 51
228	618 37	7,129 64	215 26	464 26	1,447 61
176	371 30	4,753 76	57 07	332 34	1,525 74
189	858 09	6,022 00	177 62	145 33	1,744 60
149	455 09	6,660 00	126 04	252 06	884 31
169	912 21	7,146 76	280 71	315 44	1,815 35
196	709 18	6,434 47	235 69	750 07	1,774 37
187	720 00	7,284 16	110 00	307 92	1,018 10
114	620 42	7,646 65	188 09	388 00	1,831 93
167	783 28	6,381 00	467 80	344 54	462 49
114	757 11	5,427 75	234 86	151 42	884 79
145	387 72	4,147 55	139 96	79 16	588 20
164	802 61	8,065 10	393 48	602 23	2,227 94
153	705 00	4,135 60	161 33	32 25	1,032 85
148	457 50	4,848 10	342 55	336 81	1,017 99
108	400 80	5,547 28	52 32	247 19	1,152 88
136	509 86	4,814 00	187 36	187 36	954 08
101	535 21	3,812 50	126 00	121 31	531 15
102	546 34	3,381 78	113 91	161 50	753 33
142	727 42	5,963 58	113 06	226 12	1,299 16
83	749 86	4,254 00	113 96	255 58	627 36
-	\$123,665 15	\$1,269,693 14	\$44,925 82	\$66,591 17	\$359,060 53

## DEPARTMENT OF EDUCATION

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS ENDING JUNE				
		Repairs, replacement and upkeep	Libraries	Promotion of health	TRANSPORTATION	
					To schools within town	To schools in other towns or cities
		32	33	34	35	36
204	Pembroke . .	\$176 50	-	\$50 00	\$2,338 78	\$44 00
205	Tisbury . . .	182 01	-	36 00	55 50	-
206	West Boylston . .	603 08	-	300 00	3,475 64	-
207	Edgartown . . .	863 86	-	30 00	630 97	-
208	Oak Bluffs . . .	567 21	-	42 79	247 50	-
209	Littleton . . .	575 15	-	42 00	1,952 00	-
210	Conway . . . .	265 03	-	-	1,470 13	-
211	Sudbury . . . .	91 51	-	50 00	3,554 00	-
212	Topsfield . . .	38 74	-	48 00	1,740 00	-
213	Orleans . . . .	245 44	-	50 00	2,700 00	-
214	Stow . . . . .	187 21	\$35 90	-	2,549 00	-
215	New Marlborough .	47 71	-	75 00	478 50	-
216	Dover . . . . .	156 80	-	100 00	4,197 80	-
217	Ashfield . . . .	54 83	-	36 00	334 50	-
218	Charlemont . . .	664 46	-	50 00	1,758 72	-
219	Wellfleet . . . .	133 00	-	-	1,261 70	-
220	Brimfield . . . .	68 95	-	12 50	2,230 85	-
221	Mendon . . . . .	175 00	-	25 00	938 81	-
222	Ashby . . . . .	42 06	-	35 00	3,214 00	-
223	Princeton . . . .	114 60	-	-	1,144 26	-
224	Bernardston . . .	349 21	-	-	1,305 00	-
225	Brewster . . . .	67 83	-	10 00	1,900 00	-
226	Bolton . . . . .	32 61	-	37 75	2,964 00	352 00
227	Petersham . . . .	118 55	-	-	2,636 86	-
228	New Salem . . .	148 03	-	20 00	390 00	-
	Totals . . . . .	\$83,560 07	\$506 98	\$10,519 74	\$231,766 78	\$1,909 51

# SCHOOL RETURNS

cxxi

## AND MAINTAINING HIGH SCHOOLS — *Continued*

— DAY, EVENING, VACATION — YEAR 30, 1919 — Con.			EXPENDITURES FOR OUTLAY, YEAR ENDING JUNE 30, 1919		
Tuition	Miscellaneous	Total for support	New grounds, buildings and alterations	New equipment	Total for outlay
37	38	39	40	41	42
\$215 00	\$115 34	\$11,978 27	-	-	-
-	130 98	12,816 91	-	\$120 54	\$120 54
-	325 63	16,786 11	-	17 00	17 00
-	93 73	12,236 68	\$223 70	195 00	418 70
-	78 49	11,246 07	-	35 42	35 42
-	33 44	12,477 73	-	-	-
-	-	8,775 37	-	-	-
-	86 26	12,729 41	-	117 02	117 02
-	23 62	10,227 86	-	-	-
-	64 62	13,530 53	-	448 76	448 76
57 00	63 19	12,796 08	-	31 29	31 29
-	102 76	10,144 15	-	-	-
-	121 62	15,251 31	-	71 97	71 97
-	82 88	8,947 32	-	-	-
-	65 87	9,994 98	-	-	-
-	-	6,737 29	-	-	-
-	125 10	14,528 76	-	-	-
-	98 41	7,304 25	-	-	-
-	133 47	10,427 48	-	-	-
220 00	11 08	8,890 41	-	28 66	28 66
-	50 00	8,356 87	-	-	-
30 00	-	7,134 00	-	-	-
375 75	112 44	8,831 41	-	-	-
-	32 35	11,117 10	-	-	-
-	9 01	6,567 80	-	-	-
\$14,031 50	\$24,915 13	\$2,231,145 52	\$51,616 93	\$13,462 55	\$65,079 48

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		EXPENDITURE FOR SUPPORT OF PUBLIC SCHOOLS — DAY, YEAR ENDING					
		FROM LOCAL TAXATION			FROM STATE AID (INCLUDING INCOME FROM MASSACHUSETTS SCHOOL FUND)		
		Amount	Per pupil in av- erage mem- bership	Rank	Amount	Per pupil in av- erage mem- bership	Rank
		43	44	45	46	47	48
204	Pembroke . . .	\$9,006 59	\$45 72	120	\$1,782 66	\$9 05	115
205	Tisbury . . .	10,408 01	45 06	129	1,103 49	4 78	158
206	West Boylston . . .	13,899 02	53 66	63	1,979 65	7 64	130
207	Edgartown . . .	8,809 34	46 67	110	1,615 98	8 93	116
208	Oak Bluffs . . .	10,006 50	50 54	83	864 82	4 37	165
209	Littleton . . .	10,372 54	45 29	127	1,525 49	6 66	135
210	Conway . . .	5,699 35	30 48	293	1,768 73	9 46	110
211	Sudbury . . .	9,369 76	49 58	91	1,740 99	9 21	112
212	Topsfield . . .	8,866 81	56 12	57	1,029 65	6 52	137
213	Orleans . . .	10,896 15	60 87	39	1,104 65	6 17	142
214	Stow . . .	9,262 64	46 78	108	1,431 74	7 23	134
215	New Marlborough . . .	6,180 97	33 05	271	2,104 65	11 25	101
216	Dover . . .	14,038 60	116 02	1	—	—	—
217	Ashfield . . .	5,692 68	31 45	287	2,036 74	11 25	100
218	Charlemont . . .	5,585 66	39 61	197	1,915 98	13 59	88
219	Wellfleet . . .	4,516 03	31 15	291	1,703 49	11 75	94
220	Brimfield . . .	6,222 80	31 91	283	1,862 66	9 55	108
221	Mendon . . .	5,246 81	34 29	257	1,781 38	11 64	95
222	Ashby . . .	7,995 36	54 02	62	1,676 68	11 33	98
223	Princeton . . .	6,426 83	55 89	58	1,354 65	11 78	93
224	Bernardston . . .	3,659 11	24 07	326	1,765 98	11 62	96
225	Brewster . . .	4,781 26	45 97	118	1,022 32	9 83	106
226	Bolton . . .	6,000 00	61 22	37	1,307 31	13 34	91
227	Petersham . . .	7,525 88	51 55	77	1,854 65	12 70	92
228	New Salem . . .	2,833 32	24 64	323	2,304 06	20 04	67
	Totals . . .	\$1,878,590 99	\$45 20	—	\$137,169 44	\$3 30	—

## SCHOOL RETURNS

cxxxiii

AND MAINTAINING HIGH SCHOOLS — *Continued*

EVENING, VACATION — CLASSIFIED AS TO SOURCE, Dec. 31, 1918					INCOME FROM MASSACHUSETTS SCHOOL FUND	
From tuition and trans- portation of State wards	Amount from other sources	FROM ALL SOURCES			Paid to town Jan. 25, 1918	Balance unexpended, Dec. 31, 1918
		Amount	Per pupil in av- erage men- bership	Rank		
49	50	51	52	53	54	55
\$174 00	\$80 00	\$11,043 25	\$56 06	131	\$865 99	-
-	58 00	11,569 50	50 08	179	790 99	-
-	34 50	15,913 17	61 44	101	1,104 65	-
-	-	10,425 32	57 60	122	865 98	-
-	30 00	10,901 32	55 06	134	552 32	-
-	-	11,898 03	51 96	159	865 98	\$255 11
312 00	40 40	7,820 48	41 82	275	1,015 98	-
114 00	47 21	11,271 96	59 64	111	865 99	-
110 25	14	10,006 85	63 33	94	1,029 65	-
-	1,708 75	13,709 55	76 59	38	1,104 65	-
-	759 89	11,454 27	57 85	119	1,104 65	1,104 65
90 00	50 00	8,425 62	45 06	233	1,104 65	-
-	187 10	14,225 70	117 57	4	-	-
-	350 50	8,079 92	44 64	240	1,015 98	-
180 75	1,455 93	9,138 32	64 81	84	1,015 98	-
-	-	6,219 52	42 89	261	1,015 99	-
406 50	4,158 01	12,649 97	64 87	82	1,254 64	369 54
108 00	37 50	7,173 69	46 88	211	1,015 98	137 46
-	421 24	10,093 28	68 20	63	1,254 64	45 46
-	-	7,781 48	67 67	64	1,104 65	-
421 00	1,649 45	7,495 54	49 31	184	1,015 98	-
194 68	-	5,998 26	57 68	120	777 32	-
-	623 77	7,931 08	80 93	29	1,254 64	832 01
220 80	154 99	9,756 32	66 82	70	1,104 65	-
471 25	561 02	6,169 65	53 65	145	1,290 98	605 71
\$14,408 38	\$56,588 93	\$2,086,757 74	\$50 21	-	\$80,586 56	\$7,244 02

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	VALUATION OF 1918 PER PUPIL IN NET AVERAGE MEMBERSHIP, YEAR ENDING JUNE 30, 1919		EXPENDITURE FOR SCHOOL SUPPORT FROM LOCAL TAXATION, YEAR ENDING DEC. 31, 1918, PER \$1,000 VALUATION		RATE OF TOTAL TAX PER \$1,000 VALUATION, 1918	
		Amount	Rank	Amount	Rank	Amount	Rank
		56	57	58	59	60	61
204	Pembroke . .	\$7,244	118	\$6 65	166	\$17 00	241
205	Tisbury . .	9,626	50	4 96	282	14 00	300
206	West Boylston . .	4,275	292	12 55	1	10 30	337
207	Edgartown . .	9,452	55	5 15	271	17 60	226
208	Oak Bluffs . .	11,432	32	4 42	310	21 00	115
209	Littleton . .	5,888	190	7 73	111	19 10	173
210	Conway . .	5,232	232	6 19	196	19 00	177
211	Sudbury . .	7,593	102	6 53	170	17 50	231
212	Topsfield . .	14,721	14	4 04	323	7 00	352
213	Orleans . .	7,836	96	8 23	74	15 00	290
214	Stow . .	5,825	191	8 11	86	18 00	217
215	New Marlborough . .	6,223	167	5 31	262	14 30	294
216	Dover . .	23,404	4	5 26	264	5 30	353
217	Ashfield . .	5,920	189	5 76	231	20 00	139
218	Charlemont . .	6,178	170	7 93	101	21 00	108
219	Wellfleet . .	5,578	211	5 58	245	21 00	121
220	Brimfield . .	4,446	282	8 53	61	18 75	188
221	Mendon . .	4,973	251	6 90	153	17 40	233
222	Ashby . .	4,736	265	11 40	3	14 00	296
223	Princeton . .	10,366	43	5 74	233	12 00	325
224	Bernardston . .	4,414	285	6 09	207	17 70	222
225	Brewster . .	8,045	88	5 88	222	23 00	52
226	Bolton . .	7,904	93	7 44	123	11 00	331
227	Petersham . .	7,548	104	7 02	146	17 20	237
228	New Salem . .	6,689	148	5 10	274	19 00	180
	Totals . .	\$6,892	-	\$6 71	-	-	-



## CX8V

EVENING AND VACATION SCHOOLS, YEAR ENDING JUNE 30, 1919

[illegible]

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	YEAR GRADES IN —			PUBLIC DAY ELEMENTARY SCHOOLS				
		Elementary school	Junior high school, if any	Senior high school	PRINCIPALS		TEACHERS		
							FULL TIME		Part time
					Men	Women	Men	Women	
		71	72	73	74	75	76	77	78
204	Pembroke . . .	8	—	4	—	—	—	7	—
205	Tisbury . . .	8	—	4	—	—	1	7	—
206	West Boylston . . .	9	—	4	—	—	—	8	—
207	Edgartown . . .	8	—	4	—	—	—	6	—
208	Oak Bluffs . . .	8	—	4	1	—	—	7	1
209	Littleton . . .	8	—	4	—	—	—	6	4
210	Conway . . .	8	—	4	—	—	—	8	—
211	Sudbury . . .	8	—	4	—	—	—	6	—
212	Topsfield . . .	6	3	3	—	—	—	5	—
213	Orleans . . .	8	—	4	—	—	1	3	1
214	Stow . . .	8	—	4	—	—	—	5	—
215	New Marlborough . . .	8	—	4	—	—	—	11	—
216	Dover . . .	8	—	5	—	—	—	4	2
217	Ashfield . . .	8	—	4	—	—	—	8	—
218	Charlemont . . .	8	—	4	—	—	—	6	—
219	Wellfleet . . .	8	—	4	—	—	1	3	1
220	Brimfield . . .	8	—	4	—	—	—	6	1
221	Mendon . . .	8	—	4	—	—	—	5	—
222	Ashby . . .	8	—	4	—	—	—	4	—
223	Princeton . . .	8	—	3	—	—	—	6	—
224	Bernardston . . .	8	—	4	—	—	—	5	—
225	Brewster . . .	8	—	4	—	—	—	3	1
226	Bolton . . .	6	3	—	—	—	—	4	—
227	Petersham . . .	8	—	4	—	—	—	5	1
228	New Salem . . .	8	—	4	—	—	—	5	—
	Totals . . .	—	—	—	3	1	29	1,217	74

AND MAINTAINING HIGH SCHOOLS — *Continued*

(INCLUDING FIRST TWO YEARS OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

PUPILS ENROLLED		Aggregate days' attendance	Average number of days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of principals, supervisors and teachers	Expenditure for textbooks
Boys	Girls				Amount	Per pupil in average membership of elementary schools		
79	80	81	82	83	84	85	86	87
93	92	26,870	177	159	\$6,142 00	\$38 63	\$4,464 75	-
110	94	21,422	134	180	7,206 87	40 04	5,767 60	\$204 45
148	133	33,041	170	229	11,362 08	49 62	5,204 30	76 61
88	79	19,578	141	156	6,909 14	44 30	4,649 20	109 82
99	112	24,078	153	180	7,251 06	40 28	5,705 42	78 00
117	76	26,680	161	178	7,978 87	44 83	3,994 04	73 85
93	74	22,897	154	162	6,682 54	41 25	3,272 98	57 07
94	91	22,092	169	156	7,614 60	48 81	3,632 00	98 22
69	71	19,700	164	134	5,690 61	42 47	3,735 00	83 58
67	63	16,885	168	116	6,874 11	59 26	3,066 43	104 04
91	75	26,529	175	166	6,379 85	38 43	3,141 49	102 40
87	85	25,830	176	170	7,676 32	45 15	5,754 16	77 32
42	47	13,663	173	88	8,227 57	93 50	3,221 65	90 50
71	63	17,983	157	126	5,056 50	40 13	3,680 00	267 80
66	41	13,490	162	96	5,379 41	56 04	2,557 25	90 99
81	53	20,320	182	121	3,992 38	32 99	2,315 28	93 31
90	61	19,031	156	135	8,137 94	60 28	3,872 10	123 37
76	65	17,441	161	125	4,199 35	33 59	2,235 60	106 18
73	65	17,414	159	125	7,426 97	59 42	2,734 45	274 50
65	60	14,080	168	93	5,773 34	62 08	3,427 78	38 65
85	52	17,228	161	118	4,923 65	41 73	2,839 00	87 36
40	48	12,320	160	82	4,105 48	50 07	2,022 50	50 00
50	55	13,872	172	90	6,726 52	74 74	2,936 80	95 82
59	73	16,173	154	118	7,203 46	61 05	3,186 58	82 85
48	33	10,535	165	71	2,930 91	41 28	1,919 00	9 32
19,917	18,754	5,225,414	-	34,839	\$1,426,088 27	\$40 93	\$837,234 55	\$27,577 77

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		Number of high schools	PUBLIC DAY HIGH SCHOOLS (INCLUDING						
			PRINCIPALS		TEACHERS			PUPILS ENROLLED	
					FULL TIME		Part time		
					Men	Women			
		88	89	90	91	92	93	94	95
204	Pembroke . . . .	1	-	-	1	2	-	19	21
205	Tisbury . . . .	1	-	-	1	3	-	21	37
206	West Boylston . . .	1	-	-	1	2	-	12	19
207	Edgartown . . . .	1	1	-	-	2	-	9	22
208	Oak Bluffs . . . .	1	-	-	1	1	2	10	12
209	Littleton . . . .	1	-	-	2	1	4	18	36
210	Conway . . . .	1	-	-	-	2	-	10	14
211	Sudbury . . . .	1	-	-	-	3	-	18	19
212	Topsfield . . . .	1	-	-	1	2	-	13	12
213	Orleans . . . .	1	-	-	1	3	1	26	43
214	Stow . . . .	1	-	-	1	2	-	18	16
215	New Marlborough . .	1	-	-	-	2	-	12	6
216	Dover . . . .	1	-	-	1	3	2	15	20
217	Ashfield . . . .	1	-	-	2	2	-	30	33
218	Charlmont . . . .	1	-	-	1	2	-	18	32
219	Wellfleet . . . .	1	-	-	1	1	-	8	18
220	Brimfield . . . .	1	-	-	1	3	1	36	33
221	Mendon . . . .	1	1	-	-	1	1	14	18
222	Ashby . . . .	1	-	-	1	1	-	17	8
223	Princeton . . . .	1	-	-	1	1	-	10	16
224	Bernardston . . . .	1	-	-	1	1	-	27	15
225	Brewster . . . .	1	-	-	-	2	-	8	17
226	Bolton . . . .	1	-	-	-	1	-	3 <sup>2</sup>	5 <sup>2</sup>
227	Petersham . . . .	1	-	-	1	2	-	15	16
228	New Salem . . . .	1	1	-	-	2	-	32	18
Totals . . . .		116	20	1	100	331	64	3,199	4,262
Towns in Group IV. do not maintain public high schools. The State totals for public day high schools are, therefore, . . . .		251	142	2	1,031	2,542	109	38,061	47,447

<sup>1</sup> Three-year high school.<sup>2</sup> In third year of Junior high school.

## SCHOOL RETURNS

CXXIX

AND MAINTAINING HIGH SCHOOLS — *Continued*

THIRD YEAR OF JUNIOR HIGH SCHOOLS, YEAR ENDING JUNE 30, 1919

Aggregate days' attendance	Days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of prin- cipals, supervisors and teachers	Expenditure for textbooks
			Amount	Per pupil in aver- age member- ship of high school		
96	97	98	99	100	101	102
5,693	175	38	\$4,988 18	\$131 27	\$2,273 75	\$56 34
6,416	136	51	4,840 94	94 92	3,600 76	131 68
4,922	176	30	4,475 47	149 18	3,103 70	16 73
3,396	152	25	4,598 87	183 95	3,320 51	107 69
2,664	153	18	3,206 54	178 14	2,584 28	35 26
8,012	166	51	3,880 49	76 08	3,135 60	141 41
3,779	175	25	1,721 53	68 86	1,480 78	—
4,913	169	33	4,256 72	128 99	2,390 00	79 40
3,626	165	24	4,082 16	170 09	2,925 00	42 46
10,356	182	63	5,744 21	91 17	4,080 33	176 67
5,227	169	32	5,707 05	178 35	3,292 98	133 29
2,725	170	17	1,747 83	102 81	1,530 00	32 68
5,238	174	33	6,403 32	194 04	4,425 00	97 59
8,593	169	55	3,107 54	56 50	2,701 00	200 00
7,659	182	45	3,858 46	85 74	2,870 50	143 87
3,581	189	24	2,357 19	98 22	1,832 27	46 65
9,223	168	60	5,588 21	93 14	4,193 00	270 11
4,308	166	28	2,399 90	85 71	1,900 00	55 15
3,573	171	23	2,543 01	110 57	2,113 65	68 05
3,697	176	22	2,496 27 <sup>3</sup>	113 47	2,119 50	13 67
5,352	159	34	2,923 36	85 98	1,975 00	100 00
3,850	175	22	2,493 31	113 33	1,790 00	76 00
1,176	172	8 <sup>2</sup>	\$30 80 <sup>4</sup>	103 85	444 98	18 09
4,130	163	28	3,186 22	113 79	2,777 00	30 21
7,708	188	44	2,887 03	65 61	2,335 00	104 64
1,062,947	—	6,719	\$672,349 13	\$100 07	\$438,529 71	\$17,302 82
12,069,836	—	76,462	\$6,849,114 01	\$89 58	\$5,041,195 88	\$140,021 49

<sup>3</sup> Does not include \$220 for tuition of 2 pupils to other high schools.<sup>4</sup> Does not include \$375.75 for tuition and \$352 for transportation of 4 pupils to other high schools.

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		EMPLOYMENT CERTIFICATES AND HOME PERMITS					
		EMPLOYMENT CERTIFICATES ISSUED			DIFFERENT		
		To boys	To girls	Total	EMPLOYMENT CERTIFICATES		
					Boys	Girls	Total
		111	112	113	114	115	116
204	Pembroke . . .	4	2	6	4	2	6
205	Tisbury . . .	3	-	3	3	-	3
206	West Boylston . . .	9	4	13	4	2	6
207	Edgartown . . .	3	1	4	3	1	4
208	Oak Bluffs . . .	15	9	24	10	6	16
209	Littleton . . .	-	2	2	-	2	2
210	Conway . . .	2	2	4	2	2	4
211	Sudbury . . .	1	1	2	1	1	2
212	Topsfield . . .	3	-	3	2	-	2
213	Orleans . . .	8	-	8	8	-	8
214	Stow . . .	6	2	8	5	2	7
215	New Marlborough . . .	-	-	-	-	-	-
216	Dover . . .	1	1	2	1	1	2
217	Ashfield . . .	1	-	1	1	-	1
218	Charlemont . . .	-	-	-	-	-	-
219	Wellfleet . . .	1	-	1	1	-	1
220	Brimfield . . .	1	1	2	1	1	2
221	Mendon . . .	2	3	5	-	-	-
222	Ashby . . .	2	-	2	2	-	2
223	Princeton . . .	-	3	3	-	2	2
224	Bernardston . . .	-	-	-	-	-	-
225	Brewster . . .	-	-	-	-	-	-
226	Bolton . . .	-	1	1	-	1	1
227	Petersham . . .	1	-	1	1	-	1
228	New Salem . . .	-	-	-	-	-	-
	Totals . . .	1,865	1,191	3,056	1,089	737	1,826

# SCHOOL RETURNS

cxxxi

## AND MAINTAINING HIGH SCHOOLS — *Continued*

ISSUED TO PERSONS 14 TO 16 YEARS OF AGE, YEAR ENDING JUNE 30, 1920

PERSONS RECEIVING —			HOLDERS OF HOME PERMITS INCLUDED IN COLUMNS 114, 115, 116			DIFFERENT PERSONS 14 TO 16 YEARS OF AGE ENROLLED IN EVENING SCHOOL CLASSES AND HOLDING EITHER EMPLOYMENT CERTIFICATES OR HOME PERMITS		
HOME PERMITS								
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
117	118	119	120	121	122	123	124	125
-	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2	3	5	-	-	-	-	-	-
5	3	8	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2	2	4	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2	1	3	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1	-	1	-	-	-	-	-	-
1	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
43	56	99	10	16	26	36	12	48

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		MEMBERSHIP IN PUBLIC DAY							
		Kindergarten	ELEMENTARY						
			Special classes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
		126	127	128	129	130	131	132	133
204	Pembroke . .	-	-	30	20	33	21	17	18
205	Tisbury . .	-	-	24	17	24	25	25	27
206	West Boylston . .	-	-	53	33	24	31	21	23
207	Edgartown . .	-	-	19	20	20	22	23	22
208	Oak Bluffs . .	-	-	28	37	29	36	19	23
209	Littleton . .	-	-	21	25	24	21	24	26
210	Conway . .	-	-	22	24	22	20	20	16
211	Sudbury . .	-	-	36	30	23	23	19	25
212	Topsfield . .	-	-	17	25	17	21	18	21
213	Orleans . .	-	-	22	15	8	13	16	12
214	Stow . .	-	-	23	21	22	23	19	26
215	New Marlborough . .	-	-	47	21	23	24	18	18
216	Dover . .	-	-	9	15	8	9	16	12
217	Ashfield . .	-	-	25	12	15	13	16	16
218	Charlemont . .	-	-	10	9	16	16	20	8
219	Wellfleet . .	-	-	15	17	22	20	19	16
220	Brimfield . .	-	-	21	23	9	16	18	19
221	Mendon . .	-	-	27	22	26	22	19	20
222	Ashby . .	-	-	21	17	19	16	12	15
223	Princeton . .	-	-	10	14	17	12	5	12
224	Bernardston . .	-	-	15	13	17	11	17	15
225	Brewster . .	-	-	7	11	13	11	12	14
226	Bolton . .	-	-	20	12	20	13	10	11
227	Petersham . .	-	-	13	13	21	19	13	19
228	New Salem . .	-	-	10	14	6	9	10	10
	Totals . .	85	-	5,811	5,013	4,808	4,673	4,693	4,264



## SCHOOL RETURNS

cxxxiii

AND MAINTAINING HIGH SCHOOLS — *Continued*

SCHOOLS, BY GRADES, APRIL 1, 1919

SCHOOL				HIGH SCHOOL							Grand total
Grade 7, or first year Junior High	Grade 8, or Junior 2	Grade 9, if in elementary school	Total	First year, or Junior 3	Second year	Third year	Fourth year	Fifth year, if any	Post-graduates	Total	
134	135	136	137	138	139	140	141	142	143	144	145
23	14	-	176	16	9	8	7	-	-	40	216
19	21	-	182	16	8	17	11	-	-	52	234
23	14	10	232	11	6	10	3	-	-	30	262
19	10	-	155	11	7	6	2	-	-	26	181
27	12	-	211	10	6	2	4	-	-	22	233
29	16	-	186	10	18	13	9	-	-	50	236
19	15	-	158	10	8	7	-	-	-	25	183
17	13	-	186	12	9	13	3	-	-	37	223
13	8	-	140	12	4	6	2	-	-	24	164
16	11	-	113	26	13	10	15	-	-	64	177
24	21	-	179	15	7	2	9	-	-	33	212
15	18	-	184	3	5	5	5	-	-	18	202
12	7	-	88	15	4	6	7	5	-	37	125
16	9	-	122	11	13	14	15	-	-	53	175
11	8	-	98	10	21	4	10	-	-	45	143
15	10	-	134	9	9	5	3	-	-	26	160
15	17	-	138	15	17	9	18	-	-	59	197
15	11	-	162	17	6	6	3	-	-	32	194
12	14	-	126	5	4	11	3	-	-	23	149
13	9	-	92	11	7	4	-	-	-	22	114
13	13	-	114	11	10	8	11	-	-	40	154
9	4	-	81	11	4	5	2	-	-	22	103
11	8	-	105	8	-	-	-	-	-	8	113
9	10	-	117	15	3	8	2	-	-	28	145
5	7	-	71	22	14	7	1	-	-	44	115
3,695	2,943	381	36,281	2,512	1,824	1,367	1,144	16	14	6,877	43,243

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	PRINCIPALS AND FULL-TIME						
		ELEMENTARY SCHOOL						Total
		Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	
		146	147	148	149	150	151	152
204	Pembroke . . . .	-	-	5	-	2	-	7
205	Tisbury . . . .	1	-	4	-	3	-	8
206	West Boylston . . . .	-	-	7	-	1	-	8
207	Edgartown . . . .	1	1	2	-	2	-	6
208	Oak Bluffs . . . .	-	1	6	-	1	-	8
209	Littleton . . . .	-	-	5	-	1	-	6
210	Conway . . . .	-	-	2	-	6	-	8
211	Sudbury . . . .	-	-	5	1	-	-	6
212	Topsfield . . . .	-	-	5	-	-	-	5
213	Orleans . . . .	-	-	3	1	-	-	4
214	Stow . . . .	-	1	4	-	-	-	5
215	New Marlborough . . . .	-	-	6	-	5	-	11
216	Dover . . . .	-	-	4	-	-	-	4
217	Ashfield . . . .	-	-	3	-	5	-	8
218	Charlмонт . . . .	-	-	1	-	5	-	6
219	Wellfleet . . . .	-	-	3	-	1	-	4
220	Brimfield . . . .	-	-	3	-	3	-	6
221	Mendon . . . .	-	-	1	-	4	-	5
222	Ashby . . . .	-	-	4	-	-	-	4
223	Princeton . . . .	-	-	6	-	-	-	6
224	Bernardston . . . .	-	-	2	-	2	1	5
225	Brewster . . . .	-	-	3	-	-	-	3
226	Bolton . . . .	-	-	3	-	1	-	4
227	Petersham . . . .	-	-	3	-	2	-	5
228	New Salem . . . .	-	-	-	-	5	-	5
	Totals . . . .	2	16	853	51	317	13	1,252

# SCHOOL RETURNS

CXXXV

## AND MAINTAINING HIGH SCHOOLS — *Continued*

TEACHERS, CLASSIFIED ACCORDING TO TRAINING, JAN. 1, 1919

HIGH SCHOOL							Grand total
Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total	
153	154	155	156	157	158	159	160
-	3	-	-	-	-	3	10
-	4	-	-	-	-	4	12
-	3	-	-	-	-	3	11
-	2	-	-	1	-	3	9
-	2	-	-	-	-	2	10
-	3	-	-	-	-	3	9
-	2	-	-	-	-	2	10
-	3	-	-	-	-	3	9
-	3	-	-	-	-	3	8
-	3	1	-	-	-	4	8
-	3	-	-	-	-	3	8
-	2	-	-	-	-	2	13
-	4	-	-	-	-	4	8
-	4	-	-	-	-	4	12
-	3	-	-	-	-	3	9
-	2	-	-	-	-	2	6
-	4	-	-	-	-	4	10
-	2	-	-	-	-	2	7
-	2	-	-	-	-	2	6
-	2	-	-	-	-	2	8
-	2	-	-	-	-	2	7
-	2	-	-	-	-	2	5
-	1	-	-	-	-	1	5
-	2	1	-	-	-	3	8
-	3	-	-	-	-	3	8
8	356	55	6	24	2	451	1,703

## GROUP III. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	SCHOOL BUILDINGS IN USE, JAN. 1, 1919				ESTIMATED VALUE	
		One-room buildings	Two-room buildings	Buildings of three or more rooms	Total	ELEMENTARY	
						Sites	Buildings
		161	162	163	164	165	166
204	Pembroke . . .	5	1	1	7	\$600	\$7,000
205	Tisbury . . .	—	1	1	2	1,400	10,000
206	West Boylston . . .	1	1	1	3	1,000	20,000
207	Edgartown . . .	—	—	2	2	800	5,300
208	Oak Bluffs . . .	—	—	1	1	1,000	20,000
209	Littleton . . .	—	1	1	2	—	7,500
210	Conway . . .	4	1	1	6	800	21,800
211	Sudbury . . .	3	—	1	4	900	22,000
212	Topsfield . . .	—	—	1	1	800	8,000
213	Orleans . . .	—	—	1	1	100	13,500
214	Stow . . .	1	1	1	3	1,100	55,000
215	New Marlborough . . .	7	1	1	9	1,000	12,000
216	Dover . . .	—	—	2	2	1,600	20,000
217	Ashfield . . .	8	—	1	9	300	4,500
218	Charlemont . . .	3	—	1	4	850	7,000
219	Wellfleet . . .	—	1	1	2	400	2,600
220	Brimfield . . .	1	1	2	4	1,200	11,000
221	Mendon . . .	2	—	1	3	500	8,000
222	Ashby . . .	—	—	1	1	200	3,200
223	Princeton . . .	4	—	1	5	900	11,500
224	Bernardston . . .	5	—	1	6	500	5,000
225	Brewster . . .	—	—	1	1	150	4,000
226	Bolton . . .	3	—	1	4	400	3,000
227	Petersham . . .	2	—	1	3	700	18,000
228	New Salem . . .	5	—	1	6	125	3,250
	Totals . . .	275	103	226	604	\$356,725	\$3,205,242

## SCHOOL RETURNS

cxxxvii

AND MAINTAINING HIGH SCHOOLS — *Concluded*

OF PUBLIC SCHOOL PROPERTY							Grand total
SCHOOLS		HIGH SCHOOLS					
Equipment (furniture, apparatus, libraries, etc.)	Total	Sites	Buildings	Equipment (furniture, apparatus, libraries, etc.)	Total		
167	168	169	170	171	172	173	
\$800	\$8,400	\$200	\$3,000	\$400	\$3,600	\$12,000	
1,200	12,600	700	5,000	800	6,500	19,100	
750	21,750	750	13,000	1,000	14,750	36,500	
1,100	7,200	400	1,600	900	2,900	10,100	
2,000	23,000	500	10,000	1,000	11,500	34,500	
500	8,000	-	2,500	200	2,700	10,700	
700	23,300	200	2,000	100	2,300	25,600	
500	23,400	100	6,000	500	6,600	30,000	
800	9,600	200	2,000	200	2,400	12,000	
900	14,500	100	6,500	1,200	7,800	22,300	
2,000	58,100	1,000	10,000	1,000	12,000	70,100	
1,000	14,000	300	2,000	200	2,500	16,500	
2,925	24,525	400	6,500	1,441	8,341	32,866	
800	5,600	-	15,000	1,500	16,500	22,100	
350	8,200	500	8,000	1,000	9,500	17,700	
200	3,200	400	3,600	600	4,600	7,800	
1,200	13,400	-	-	1,500	1,500	14,900	
900	9,400	500	3,000	600	4,100	13,500	
1,600	5,000	300	4,800	400	5,500	10,500	
500	12,900	250	7,500	325	8,075	20,975	
500	6,000	1,000	5,000	1,000	7,000	13,000	
500	4,650	50	1,000	300	1,350	6,000	
200	3,600	500	4,000	300	4,800	8,400	
1,200	19,900	500	8,000	800	9,300	29,200	
425	3,800	-	-	-	-	3,800	
\$304,737	\$3,866,704	\$181,350	\$1,830,425	\$198,942	\$2,210,717	\$6,077,421	

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS	Population, State Census, 1915	Valuation, as of April 1, 1918	TEACHING STAFF IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — JAN. 1, 1919					
			SUPERVISORS		Principals	TEACHERS		
			Full time	Part time		Full time	Part time	
	1	2	3	4	5	6	7	
229 Agawam . . .	4,555	\$4,286,325	—	2	—	26	—	
230 Dracut . . .	4,022	2,846,322	—	2	—	23	—	
231 Leicester . . .	3,322	2,681,369	—	2	—	16	—	
232 Auburn . . .	3,281	2,132,990	—	—	—	20	2	
233 Seekonk . . .	2,767	2,126,921	—	2	—	15	—	
234 West Bridgewater . .	2,741	1,894,644	—	3	—	15	—	
235 Deerfield . . .	2,739	3,697,789	—	1	—	15	2	
236 Hatfield . . .	2,630	2,193,173	—	1	1	16	—	
237 Swansea . . .	2,558	1,827,642	—	2	—	14	—	
238 Wilbraham . . .	2,521	1,832,407	—	2	—	10	1	
239 Dighton . . .	2,499	2,395,162	—	1	—	15	—	
240 Acushnet . . .	2,387	1,626,635	1	—	1	11	—	
241 Hull . . .	2,290	10,710,097	2	—	—	13	—	
242 Shirley . . .	2,251	1,436,896	—	2	—	6	—	
243 Rehoboth . . .	2,228	1,178,071	—	—	—	12	—	
244 Acton . . .	2,151	2,073,281	—	—	—	10	2	
245 Ashburnham . . .	2,059	1,355,118	—	2	—	11	—	
246 Georgetown . . .	2,058	1,335,995	—	2	—	8	—	
247 Millville . . .	2,010	1,254,151	—	2	—	10	—	
248 Bellingham . . .	1,953	1,257,070	—	1	—	9	—	
249 East Longmeadow . .	1,939	1,746,865	—	2	—	15	—	
250 Colrain . . .	1,829	1,103,415	—	1	—	13	—	
251 Raynham . . .	1,810	1,265,635	—	1	—	8	—	
252 Hanson . . .	1,796	2,060,031	—	2	—	8	—	
253 Longmeadow . . .	1,782	4,255,890	—	1	—	12	—	
254 Salisbury . . .	1,717	1,957,648	—	—	—	9	2	
255 Freetown . . .	1,663	1,293,908	—	—	—	10	—	
256 Sturbridge . . .	1,618	999,700	—	2	—	10	—	
257 Newbury . . .	1,590	1,508,459	—	—	—	8	2	
258 Buckland . . .	1,569	2,287,077	—	1	—	9	—	
259 Cheshire . . .	1,535	899,336	—	2	—	8	—	
260 Lakeville . . .	1,491	1,225,030	—	—	—	8	—	
261 Marion . . .	1,487	3,264,430	—	3	—	8	—	
262 Rowley . . .	1,481	1,013,105	—	1	—	7	—	
263 Westwood . . .	1,448	2,541,764	—	3	—	8	—	
264 Bedford . . .	1,365	1,957,742	—	2	—	5	1	
265 Southwick . . .	1,365	1,040,255	—	—	—	13	—	
266 Mattapoisett . . .	1,352	1,860,933	—	3	—	7	—	
267 Lincoln . . .	1,310	1,878,422	—	—	—	6	2	
268 Middleton . . .	1,308	1,004,602	—	3	—	4	—	
269 North Reading . .	1,292	1,132,910	—	4	—	5	—	
270 West Brookfield . .	1,288	1,058,847	—	2	—	8	—	
271 Sunderland . . .	1,278	768,736	—	2	—	7	1	
272 West Stockbridge . .	1,277	729,345	—	1	—	7	—	
273 Norfolk . . .	1,268	1,205,098	—	3	—	6	—	

## SCHOOL RETURNS

CXXXIX

## AND NOT MAINTAINING HIGH SCHOOLS

PERSONS 5 TO 16 YEARS OF AGE, APRIL 1, 1919									ILLITERATE MINORS, 16 TO 21 YEARS OF AGE.	
5 TO 7 YEARS			7 TO 14 YEARS			14 TO 16 YEARS			In registration of minors, April 1, 1919	Receiving employment certificates, year ending Aug. 31, 1918
In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership		
8	9	10	11	12	13	14	15	16	17	18
211	176	35	812	701	111	178	51	13	11	9
191	148	-	655	630	-	108	25	-	-	-
131	27	30	484	279	198	118	26	46	2	-
173	113	-	632	576	-	97	20	-	-	-
109	31	-	467	445	-	84	31	-	-	-
85	47	-	428	383	9	99	34	34	-	-
116 <sup>1</sup>	84	-	430 <sup>1</sup>	427	-	75	69	-	6	-
86 <sup>1</sup>	77	-	405 <sup>1</sup>	412	8	79	17	24	-	-
89	56	-	428	363	-	126	22	-	-	2
110	74	-	339	174	-	57	16	-	-	-
113	60	-	443	439	-	97	37	-	-	-
150	31	-	516	449	-	101	42	-	8	11
66	64	-	297	287	-	33	33	-	-	-
80	33	39	218	120	95	47	14	3	10	-
97	43	-	346	342	-	112	31	-	-	-
71	37	-	243	226	-	64	11	-	1	1
81	57	-	260	261	-	85	12	40	-	-
78 <sup>1</sup>	37	-	264 <sup>1</sup>	248	-	63	20	12	-	-
75	57	-	312	301	-	84	31	-	-	-
69	44	-	308	255	-	62	26	-	-	-
102	72	-	374	325	-	89	33	-	3	3
56	19	-	239	247	-	56	19	-	-	-
67	44	-	241	258	-	81	18	-	-	-
55	36	-	218	222	-	55	20	-	-	-
107	37	9	311	289	41	52	42	-	-	-
63	63	-	235	222	-	23	13	-	-	-
42	15	-	210	206	-	48	24	-	-	-
47	29	-	223	170	-	57	14	-	-	-
29	29	-	159	154	15	17	13	13	-	-
55	19	-	203 <sup>1</sup>	198	-	47 <sup>1</sup>	16	-	-	-
42	30	-	203	197	-	29	11	-	-	-
43	37	-	146	135	-	38	32	-	-	-
23	29	-	148	160	3	30	27	15	-	-
39	39	-	168	168	-	48	13	-	-	-
43	40	-	178	166	-	40	5	-	-	-
47	46	-	158	136	-	32	10	-	-	-
31	20	-	180	173	-	32	32	-	-	-
52	21	-	196	191	-	47	21	-	-	-
45	18	-	137	144	-	30	13	-	-	-
32	26	-	116	110	-	38	8	-	-	-
50 <sup>1</sup>	33	-	160 <sup>1</sup>	148	-	32	14	-	-	-
22	15	-	141	122	-	33	17	-	-	-
54	29	-	207	200	-	35	18	-	-	-
33	45	-	129	106	-	29	7	-	-	-
30	22	-	134	133	-	38	8	-	-	-

## DEPARTMENT OF EDUCATION

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	PUPILS IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — YEAR ENDING JUNE 30, 1919						
		Pupils enrolled	Aggregate days' attendance	Average daily attendance	Average number of days in session	Average membership	Pupils for whom town pays tuition for not less than half of school year	Nonresidents who attended not less than half of school year
		19	20	21	22	23	24	25
229	Agawam . . . .	932	120,763	751	160	857	104	—
230	Dracut . . . .	929	123,577	724	171	801	59	6
231	Leicester . . . .	782	57,783	334	173	374	—	14
232	Auburn . . . .	308	100,794	589	171	653	82	1
233	Seekonk . . . .	605	75,599	445	170	500	50	3
234	West Bridgewater, .	481	70,074	415	169	464	—	4
235	Deerfield . . . .	533	65,352	415	160	510	—	—
236	Hatfield . . . .	506	64,415	427	150	478	—	20
237	Swansea . . . .	486	58,189	349	167	395	34	3
238	Wilbraham . . . .	279	37,072	225	159	249	43	8
239	Dighton . . . .	538	67,177	430	156	476	26	2
240	Acushnet . . . .	535	71,374	444	160	478	26	—
241	Hull . . . .	374	44,175	285	155	310	29	—
242	Shirley . . . .	181	26,789	148	174	167	31	10
243	Rehoboth . . . .	416	52,623	301	175	347	30	4
244	Acton . . . .	301	41,081	239	172	275	63	17
245	Ashburnham . . . .	332	48,536	272	170	299	—	—
246	Georgetown . . . .	291	36,428	220	166	266	—	28
247	Millville . . . .	409	55,593	337	165	371	32	—
248	Bellingham . . . .	328	42,141	248	167	288	22	4
249	East Longmeadow . .	488	60,916	402	153	446	50	1
250	Colrain . . . .	308	42,614	255	167	286	31	11
251	Raynham . . . .	322	43,759	246	170	281	47	2
252	Hanson . . . .	287	38,917	242	161	268	29	3
253	Longmeadow . . . .	379	50,983	254	166	281	58	—
254	Salisbury . . . .	290	38,651	220	173	254	46	4
255	Freetown . . . .	246	33,041	202	164	227	27	6
256	Sturbridge . . . .	229	33,180	202	168	220	27	2
257	Newbury . . . .	198	27,979	156	167	178	28	6
258	Buckland . . . .	242	38,580	212	182	232	48	4
259	Cheshire . . . .	260	35,864	216	166	235	36	—
260	Lakeville . . . .	214	34,433	175	160	190	28	2
261	Marion . . . .	206	29,075	177	163	191	8	2
262	Rowley . . . .	224	32,093	193	166	209	46	2
263	Westwood . . . .	227	33,460	196	171	213	45	12
264	Bedford . . . .	185	27,462	162	164	169	42	6
265	Southwick . . . .	238	29,011	200	145	220	14	—
266	Mattapoisett . . . .	244	35,734	208	172	224	37	3
267	Lincoln . . . .	176	24,942	144	173	154	34	13
268	Middleton . . . .	144	15,146	95	161	110	19	6
269	North Reading . . . .	198	26,020	169	154	186	30	3
270	West Brookfield . . . .	175	23,825	140	170	157	21	1
271	Sunderland . . . .	250	31,114	203	154	218	25	5
272	West Stockbridge . . . .	158	20,794	127	164	139	49	—
273	Norfolk . . . .	160	22,008	131	168	153	45	—



## SCHOOL RETURNS

exli

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

Net average membership (Column 23+24+25)	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS — DAY, EVENING, VACATION — YEAR ENDING JUNE 30, 1919				
	INSTRUCTION				Operation of school plant, — janitor service, fuel and miscellaneous ex- penses.
	General control	Salaries and expenses of supervisors, prin- cipals and teachers	Textbooks	Stationery, supplies and other expenses of instruction	
26	27	28	29	30	31
961	\$1,386 52	\$19,673 17	\$415 07	\$899 03	\$6,378 87
854	1,312 25	14,884 86	818 98	973 60	7,617 43
360	1,054 89	10,348 25	204 53	366 89	4,762 19
734	1,236 86	12,368 05	831 67	581 54	5,011 19
547	691 96	7,907 84	226 99	66 25	2,320 08
460	1,083 91	10,317 83	682 41	399 30	3,940 53
510	1,046 11	8,729 00	202 29	1,005 32	3,816 86
458	1,106 93	11,169 92	105 03	201 35	3,432 99
426	1,233 41	8,887 40	219 60	373 36	2,078 38
284	585 85	6,320 79	209 22	575 29	1,401 97
500	755 31	8,675 10	371 23	375 42	3,183 32
504	498 46	8,298 65	107 40	210 87	2,175 81
339	1,306 23	14,356 00	697 00	108 14	4,436 72
188	708 51	4,297 50	126 85	116 16	1,311 70
373	922 16	5,510 76	109 45	355 90	549 10
321	838 32	6,553 73	304 58	194 46	2,556 89
299	770 28	6,106 53	221 30	133 98	1,373 25
238	528 44	5,862 40	94 15	228 47	1,419 82
403	429 97	6,054 00	294 76	595 85	1,914 62
306	715 00	5,418 26	87 69	245 50	2,370 51
495	991 23	9,692 03	239 88	329 02	3,284 29
306	1,561 92	7,194 72	340 33	213 39	1,104 63
326	709 70	4,234 01	449 79	74 43	911 25
294	914 49	5,594 00	277 06	101 48	1,127 85
339	668 80	9,001 50	798 90	687 55	5,296 74
296	605 03	5,435 00	—	380 68	1,305 99
248	995 30	5,354 60	606 26	374 04	1,852 60
245	1,132 24	6,140 00	63 25	350 27	1,527 81
200	493 05	5,282 28	64 16	292 29	2,820 43
276	1,153 30	5,641 38	292 37	245 77	1,902 27
271	695 78	5,185 00	128 18	351 27	1,624 80
216	640 16	4,526 11	155 30	200 00	1,434 83
197	924 13	6,788 75	237 61	274 15	3,353 84
253	685 02	3,960 00	88 44	60 82	1,221 84
246	615 00	6,781 72	225 00	400 00	2,047 63
205	888 96	5,357 26	202 28	723 44	1,114 27
234	873 89	5,983 00	236 80	358 03	853 42
258	379 93	5,722 78	39 77	154 18	2,023 75
175	1,580 00	4,539 25	426 96	423 72	1,216 93
123	350 92	3,000 50	51 71	268 98	1,009 73
213	305 63	3,085 00	252 04	388 65	1,474 37
177	725 46	4,894 42	113 74	187 55	1,346 22
238	389 55	4,022 50	63 69	336 58	1,519 50
188	742 36	4,164 10	112 45	547 50	836 59
198	591 00	4,204 29	66 00	280 14	1,411 30

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS ENDING JUNE				
		Repairs, replacement and upkeep	Libraries	Promotion of health	TRANSPORTATION	
					To schools within town	To schools in other towns or cities
		32	33	34	35	36
229	Agawam . . .	\$666 85	-	\$125 00	\$1,752 25	\$2,681 43
230	Dracut . . .	1,342 32	-	100 00	1,160 00	-
231	Leicester . . .	378 59	-	130 00	1,112 78	-
232	Auburn . . .	958 87	-	100 00	350 34	1,103 00
233	Seekonk . . .	593 33	-	40 00	1,122 89	510 37
234	West Bridgewater . .	585 43	-	49 99	2,227 88	-
235	Deerfield . . .	262 47	-	105 75	3,723 65	-
236	Hatfield . . .	244 20	-	-	179 69	-
237	Swansea . . .	502 17	-	75 00	725 00	810 00
238	Wilbraham . . .	91 84	\$2 75	84 25	813 38	1,465 02
239	Dighton . . .	1,894 55	-	75 00	-	943 28
240	Acushnet . . .	495 07	-	-	2,597 57	1,219 10
241	Hull . . .	1,137 20	-	350 00	5,390 00	891 64
242	Shirley . . .	184 01	-	76 68	1,779 25	1,300 40
243	Rehoboth . . .	198 27	-	75 00	320 00	603 44
244	Acton . . .	126 40	-	60 00	2,122 00	1,797 78
245	Ashburnham . . .	562 06	-	35 00	325 00	-
246	Georgetown . . .	27 59	-	25 00	1,780 10	-
247	Millville . . .	1,188 80	-	-	132 40	572 40
248	Bellingham . . .	269 65	-	32 00	1,627 10	411 62
249	East Longmeadow . .	333 31	-	-	-	947 07
250	Colrain . . .	585 08	-	25 00	2,203 01	1,218 48
251	Raynham . . .	465 82	-	39 00	724 78	997 64
252	Hanson . . .	349 65	-	100 00	617 30	478 43
253	Longmeadow . . .	460 99	-	60 00	285 00	647 10
254	Salisbury . . .	517 17	-	10 00	872 08	1,200 00
255	Freetown . . .	640 86	-	100 00	244 55	1,428 91
256	Sturbridge . . .	273 17	-	72 40	2,212 83	905 93
257	Newbury . . .	590 34	-	35 00	900 66	1,276 00
258	Buckland . . .	222 14	-	45 00	1,048 00	1,000 25
259	Cheshire . . .	230 63	-	50 00	714 20	690 20
260	Lakeville . . .	66 53	-	50 00	2,467 52	604 42
261	Marion . . .	518 21	-	24 50	1,510 83	-
262	Rowley . . .	148 71	-	50 00	362 58	1,375 74
263	Westwood . . .	189 41	-	100 00	1,190 00	1,078 00
264	Bedford . . .	114 75	-	-	1,250 00	889 10
265	Southwick . . .	154 04	-	55 00	-	838 20
266	Mattapoisett . . .	163 50	-	55 00	-	789 87
267	Lincoln . . .	401 28	-	200 00	3,684 00	541 66
268	Middleton . . .	52 94	-	130 49	1,312 50	280 00
269	North Reading . . .	97 01	-	-	1,376 98	159 02
270	West Brookfield . .	525 59	-	50 00	1,518 65	648 50
271	Sunderland . . .	329 30	-	-	2,596 39	545 38
272	West Stockbridge . .	144 67	-	-	96 05	512 77
273	Norfolk . . .	102 44	-	15 00	1,961 50	850 00

## SCHOOL RETURNS

cxlii

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

— DAY, EVENING, VACATION — YEAR 30, 1919 — Con.			EXPENDITURES FOR OUTLAY, YEAR ENDING JUNE 30, 1919		
Tuition	Miscellaneous	Total for support	New grounds, buildings and alterations	New equipment	Total for outlay
37	38	39	40	41	42
\$7,223 87	\$56 50	\$41,258 56	-	\$458 53	\$458 53
3,113 02	1,580 20	32,902 66	-	110 50	110 50
-	287 84	18,645 96	-	-	-
5,337 50	295 19	28,174 21	\$3,261 00	-	3,261 00
3,891 24	62 40	17,433 35	-	285 00	285 00
-	319 63	19,606 91	-	-	-
-	-	18,891 45	-	248 45	248 45
-	51 37	16,491 48	-	-	-
2,970 00	56 47	17,930 79	-	-	-
4,023 00	93 72	15,667 08	-	-	-
1,558 00	254 00	18,085 21	599 27	-	599 27
2,151 13	234 83	17,988 89	-	200 00	200 00
1,974 00	888 96	31,535 89	-	56 75	56 75
2,557 50	2 33	12,460 89	-	-	-
1,959 00	32 00	10,635 08	-	-	-
6,218 69	-	20,772 85	-	-	-
-	125 31	9,652 71	-	-	-
-	-	9,965 97	-	-	-
1,925 00	214 96	13,322 76	-	-	-
868 57	-	12,045 90	-	-	-
5,016 00	40 38	20,873 21	-	-	-
2,956 00	50 38	17,452 94	-	-	-
2,927 50	54 13	11,588 05	-	540 00	540 00
1,125 00	16 25	10,701 51	-	-	-
8,120 00	33 78	26,060 36	4,042 49	442 85	4,485 34
2,977 19	31 21	13,334 35	-	-	-
2,240 00	158 85	13,995 97	-	-	-
1,226 50	116 68	14,021 08	-	-	-
1,940 84	32 66	13,727 71	-	160 00	160 00
3,563 00	13 42	15,126 90	-	-	-
1,620 00	-	11,290 06	-	-	-
3,337 61	103 22	13,585 70	-	-	-
537 25	751 24	14,920 51	-	130 00	130 00
2,843 39	-	10,796 54	-	56 65	56 65
3,922 00	85 00	16,633 76	-	-	-
2,842 28	100 68	13,483 02	-	20 70	20 70
951 25	-	10,303 63	200 65	-	200 65
-	148 39	9,477 17	-	17 00	17 00
2,960 22	152 72	16,126 74	-	-	-
977 10	1 72	7,436 59	118 50	-	118 50
2,832 00	-	9,970 70	-	-	-
1,763 25	21 34	11,794 72	-	-	-
1,374 38	-	11,177 27	-	-	-
1,282 05	-	8,438 54	-	-	-
2,102 50	-	11,584 17	-	315 91	315 91

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	EXPENDITURE FOR SUPPORT OF PUBLIC SCHOOLS — DAY, YEAR ENDING					
		FROM LOCAL TAXATION			FROM STATE AID (INCLUDING INCOME FROM MASSACHUSETTS SCHOOL FUND)		
		Amount	Per pupil in av- erage mem- bership	Rank	Amount	Per pupil in av- erage mem- bership	Rank
		43	44	45	46	47	48
229	Agawam . . .	\$37,071 85	\$43 26	156	\$500 00	\$0 58	219
230	Dracut . . .	27,812 93	34 72	255	625 00	78	215
231	Leicester . . .	19,478 08	52 08	73	1,654 64	4 42	164
232	Auburn . . .	21,070 35	32 37	280	1,654 64	2 53	196
233	Seekonk . . .	17,434 70	34 87	253	844 93	1 69	203
234	West Bridgewater . . .	16,313 66	35 16	248	1,991 98	4 29	168
235	Deerfield . . .	17,410 91	34 14	259	505 50	99	210
236	Hatfield . . .	13,264 19	27 75	309	1,415 98	2 96	189
237	Swansea . . .	13,301 69	33 68	262	1,825 00	4 62	160
238	Wilbraham . . .	10,369 13	41 64	171	5,267 29	21 15	65
239	Dighton . . .	15,714 24	33 01	272	1,290 98	2 71	194
240	Acushnet . . .	17,811 72	37 26	225	1,074 31	2 25	199
241	Hull . . .	30,712 54	99 07	3	—	—	—
242	Shirley . . .	7,198 08	43 10	159	2,671 68	16 00	83
243	Rehoboth . . .	8,571 85	24 70	322	1,604 65	4 62	159
244	Acton . . .	18,522 86	67 36	25	1,373 39	4 99	155
245	Ashburnham . . .	9,929 25	33 21	266	1,282 65	4 29	167
246	Georgetown . . .	6,465 00	24 30	325	1,354 64	5 09	152
247	Millville . . .	9,706 17	26 16	316	2,353 83	6 34	140
248	Bellingham . . .	8,768 21	30 45	294	2,278 77	7 91	128
249	East Longmeadow . . .	14,460 90	32 42	279	4,648 06	10 42	103
250	Colrain . . .	8,844 21	30 92	292	4,063 42	14 21	86
251	Raynham . . .	7,194 87	25 60	320	3,778 80	13 45	89
252	Hanson . . .	8,958 18	33 43	264	1,064 44	3 97	172
253	Longmeadow . . .	21,142 18	75 24	13	320 78	1 14	207
254	Salisbury . . .	9,760 85	38 43	210	1,632 50	6 43	138
255	Freetown . . .	7,837 67	34 53	256	3,773 72	16 62	80
256	Sturbridge . . .	9,364 41	42 57	167	3,567 79	16 22	82
257	Newbury . . .	9,691 42	54 45	61	1,409 51	7 92	127
258	Buckland . . .	11,643 75	50 19	85	3,256 98	14 04	87
259	Cheshire . . .	6,087 50	25 90	318	4,134 98	17 60	75
260	Lakeville . . .	7,499 24	39 47	198	4,249 30	22 36	58
261	Marion . . .	13,690 72	71 68	14	—	—	—
262	Rowley . . .	4,960 03	23 73	327	5,072 98	24 27	54
263	Westwood . . .	14,537 30	68 25	22	1,029 65	4 83	157
264	Bedford . . .	12,723 75	75 29	12	1,247 94	7 38	133
265	Southwick . . .	7,680 85	34 91	251	2,248 28	10 22	104
266	Mattapoisett . . .	8,412 42	37 56	221	1,312 98	5 86	146
267	Lincoln . . .	15,723 90	102 10	2	—	—	—
268	Middleton . . .	4,251 16	38 65	208	2,192 79	19 93	68
269	North Reading . . .	8,083 66	43 46	153	2,046 31	11 00	102
270	West Brookfield . . .	6,720 54	42 81	163	3,060 37	19 49	72
271	Sunderland . . .	6,843 56	31 39	288	3,115 00	14 29	85
272	West Stockbridge . . .	4,000 00	28 78	304	3,406 15	24 50	52
273	Norfolk . . .	7,525 69	49 19	95	3,314 02	21 66	62

## SCHOOL RETURNS

cxlv

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

EVENING, VACATION — CLASSIFIED AS TO SOURCE, DEC. 31, 1918					INCOME FROM MASSACHUSETTS SCHOOL FUND	
From tuition and trans- portation of State wards	Amount from other sources	FROM ALL SOURCES			Paid to town Jan. 25, 1918	Balance unexpended, Dec. 31, 1918
		Amount	Per pupil in av- erage mem- bership	Rank		
49	50	51	52	53	54	55
-	\$860 65	\$38,432 50	\$44 85	236	-	-
\$256 00	110 50	28,804 43	35 96	329	-	-
12 00	601 45	21,746 17	58 14	117	\$1,029 64	-
-	-	22,724 99	34 80	335	1,029 64	-
59 25	339 04	18,677 92	37 36	323	790 99	-
112 95	120 00	18,538 59	39 95	292	865 99	-
36 00	-	17,952 41	35 20	333	-	-
-	525 87	15,206 04	31 81	349	790 98	-
-	925 52	16,052 21	40 64	286	1,104 65	\$547 35
138 00	150 44	15,924 86	63 96	90	1,104 65	-
103 50	6 00	17,114 72	35 96	328	790 98	-
-	-	18,886 03	39 51	299	865 98	-
-	32 71	30,745 25	99 18	12	-	-
294 00	571 42	10,735 18	64 28	86	865 99	-
133 50	63 00	10,373 00	29 89	353	1,104 65	-
9 75	322 26	20,228 26	73 56	43	1,029 64	-
-	39 30	11,251 20	37 63	320	865 98	-
914 02	797 06	9,530 72	35 83	330	1,104 64	-
9 00	18 20	12,087 20	32 58	347	1,104 65	17 45
27 00	46 28	11,120 26	38 61	309	1,104 64	-
49 50	56 52	19,214 98	43 08	258	1,104 64	-
238 50	150 00	13,296 13	46 04	220	1,015 98	-
-	90 33	11,064 00	39 37	304	865 99	-
42 75	72 00	10,137 37	37 83	319	647 78	-
3 00	131 00	21,596 96	76 86	37	-	-
72 00	-	11,465 35	45 14	231	150 00	-
45 00	-	11,656 39	51 35	165	1,104 64	-
-	85 10	13,017 30	59 17	115	872 79	-
-	194 96	11,295 89	63 46	92	1,104 65	965 60
-	5 00	14,905 73	64 25	87	790 98	-
-	14 86	10,237 34	43 56	255	1,015 98	-
123 30	1 50	11,873 34	62 49	99	1,104 64	-
-	-	13,690 72	71 68	50	-	-
-	-	10,033 01	48 00	199	1,254 65	-
-	259 75	15,826 70	74 30	41	1,029 65	-
70 50	51 79	14,093 98	83 40	24	722 78	-
-	601 25	10,530 38	47 87	200	865 99	-
-	513 75	10,239 15	45 71	223	1,104 65	-
226 04	50 06	16,000 00	103 90	6	1,104 64	1,104 64
190 50	733 30	7,367 75	66 98	69	872 79	-
33 75	-	10,163 72	54 64	138	722 79	-
60 75	208 50	10,050 16	64 01	89	1,015 99	-
102 30	-	10,060 86	46 15	218	1,015 99	-
-	-	7,406 15	53 28	148	1,015 99	210 15
-	-	10,839 71	70 85	54	865 98	-

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	VALUATION OF 1918 PER PUPIL IN NET AVERAGE MEMBERSHIP, YEAR ENDING JUNE 30, 1919		EXPENDITURE FOR SCHOOL SUPPORT FROM LOCAL TAXATION, YEAR ENDING DEC. 31, 1918, PER \$1,000 VALUATION		RATE OF TOTAL TAX PER \$1,000 VALUATION, 1918	
		Amount	Rank	Amount	Rank	Amount	Rank
		<b>56</b>	<b>57</b>	<b>58</b>	<b>59</b>	<b>60</b>	<b>61</b>
229	Agawam . . .	\$4,460	281	\$8 65	52	\$21 50	100
230	Draut . . .	3,332	341	9 77	21	24 30	33
231	Leicester . . .	7,448	111	7 26	134	21 00	111
232	Auburn . . .	2,905	351	9 88	17	20 00	141
233	Seekonk . . .	3,888	317	8 20	79	16 50	257
234	West Bridgewater . . .	4,118	301	8 61	56	21 00	122
235	Deerfield . . .	7,250	117	4 71	296	15 10	281
236	Hatfield . . .	4,788	263	6 05	212	20 00	151
237	Swansea . . .	4,290	290	7 28	133	14 00	299
238	Wilbraham . . .	6,452	158	5 66	240	11 00	333
239	Dighton . . .	4,790	262	6 56	169	22 00	82
240	Acushnet . . .	3,227	345	10 95	7	27 00	6
241	Hull . . .	31,593	2	2 87	347	18 60	190
242	Shirley . . .	7,643	100	5 01	277	17 50	230
243	Rehoboth . . .	3,158	348	7 28	132	21 00	117
244	Acton . . .	6,458	156	8 93	40	16 50	252
245	Ashburnham . . .	4,532	276	7 33	128	22 50	67
246	Georgetown . . .	5,613	208	4 84	290	15 00	282
247	Millville . . .	3,112	349	7 74	110	14 50	293
248	Bellingham . . .	4,108	302	6 98	148	19 00	175
249	East Longmeadow . . .	3,529	334	8 28	73	20 60	129
250	Colrain . . .	3,605	327	8 02	94	21 00	109
251	Raynham . . .	3,882	318	5 68	237	15 30	279
252	Hanson . . .	7,006	130	4 35	313	16 10	260
253	Longmeadow . . .	12,554	25	4 97	281	14 00	297
254	Salisbury . . .	6,613	151	4 99	278	21 00	118
255	Freetown . . .	5,217	234	6 06	210	16 00	261
256	Sturbridge . . .	4,080	304	9 37	29	25 40	20
257	Newbury . . .	7,542	105	6 42	177	10 00	342
258	Buckland . . .	8,287	80	5 09	275	12 00	321
259	Cheshire . . .	3,319	342	6 77	159	15 30	278
260	Lakeville . . .	5,671	204	6 12	205	15 70	271
261	Marion . . .	16,570	10	4 19	319	15 60	272
262	Rowley . . .	4,004	308	4 90	285	10 00	343
263	Westwood . . .	10,332	44	5 72	234	9 00	347
264	Bedford . . .	9,550	52	6 50	173	19 50	168
265	Southwick . . .	4,445	283	7 38	126	22 00	90
266	Mattapoisett . . .	7,213	119	4 52	304	13 00	306
267	Lincoln . . .	10,734	38	8 37	67	12 00	323
268	Middleton . . .	8,167	84	4 23	317	18 40	200
269	North Reading . . .	5,319	226	7 14	141	26 00	16
270	West Brookfield . . .	5,982	184	6 35	185	21 00	123
271	Sunderland . . .	3,230	344	8 90	44	27 00	8
272	West Stockbridge . . .	3,879	319	5 48	249	20 00	162
273	Norfolk . . .	6,086	179	6 24	194	17 50	229

<sup>1</sup> For tuition.

## cxlvii

[illegible]

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	YEAR GRADES IN —			PUBLIC DAY ELEMENTARY SCHOOLS				
		Elementary school	Junior high school, if any	Senior high school	PRINCIPALS		TEACHERS		
					Men	Women	FULL TIME		Part time
							Men	Women	
		71	72	73	74	75	76	77	78
229	Agawam . . . .	9	-	-	-	-	-	26	-
230	Dracut . . . .	8	-	-	-	-	-	23	-
231	Leicester . . . .	8	-	-	-	-	-	16	-
232	Auburn . . . .	8	-	-	-	-	-	20	2
233	Seekonk . . . .	8	-	-	-	-	-	15	-
234	West Bridgewater . . . .	9	-	-	-	-	-	15	-
235	Deerfield . . . .	8	-	-	-	-	2	13	2
236	Hatfield . . . .	8	-	-	-	1	-	16	-
237	Swansea . . . .	8	-	-	-	-	-	14	-
238	Wilbraham . . . .	8	-	-	-	-	-	10	1
239	Dighton . . . .	9	-	-	-	-	-	15	-
240	Acushnet . . . .	8	-	-	1	-	-	11	-
241	Hull . . . .	8	-	-	-	-	2	11	-
242	Shirley . . . .	8	-	-	-	-	-	6	-
243	Rehoboth . . . .	9	-	-	-	-	-	12	-
244	Acton . . . .	8	-	-	-	-	-	10	2
245	Ashburnham . . . .	8	-	-	-	-	-	11	-
246	Georgetown . . . .	8	-	-	-	-	-	8	-
247	Millville . . . .	8	-	-	-	-	-	10	-
248	Bellingham . . . .	9	-	-	-	-	-	9	-
249	East Longmeadow . . . .	8	-	-	-	-	-	15	-
250	Colrain . . . .	9	-	-	-	-	-	13	-
251	Raynham . . . .	9	-	-	-	-	-	8	-
252	Hanson . . . .	9	-	-	-	-	-	8	-
253	Longmeadow . . . .	6	3	-	-	-	-	12	-
254	Salisbury . . . .	8	-	-	-	-	-	9	2
255	Freetown . . . .	8	-	-	-	-	-	10	-
256	Sturbridge . . . .	8	-	-	-	-	-	10	-
257	Newbury . . . .	8	-	-	-	-	-	8	2
258	Buckland . . . .	8	-	-	-	-	-	9	-
259	Cheshire . . . .	9	-	-	-	-	-	8	-
260	Lakeville . . . .	9	-	-	-	-	-	8	-
261	Marion . . . .	8	-	-	-	-	-	8	-
262	Rowley . . . .	8	-	-	-	-	1	6	-
263	Westwood . . . .	8	-	-	-	-	-	8	-
264	Bedford . . . .	8	-	-	-	-	1	4	1
265	Southwick . . . .	9	-	2	-	-	-	13	-
266	Mattapoisett . . . .	8	-	-	-	-	-	7	-
267	Lincoln . . . .	8	-	-	-	-	-	6	2
268	Middleton . . . .	8	-	-	-	-	-	4	-
269	North Reading . . . .	8	-	-	-	-	-	5	-
270	West Brookfield . . . .	7	2	-	-	-	-	8	-
271	Sunderland . . . .	8	-	-	-	-	-	7	1
272	West Stockbridge . . . .	8	-	-	-	-	-	7	-
273	Norfolk . . . .	8	-	-	-	-	-	6	-

1 Includes 6 pupils taking high school work.



# SCHOOL RETURNS

cxlx

## AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

(INCLUDING FIRST TWO YEARS OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

PUPILS ENROLLED		Aggregate days' attendance	Average number of days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of principals, supervisors and teachers	Expenditure for textbooks
Boys	Girls				Amount	Per pupil in average membership of elementary schools		
79	80	81	82	83	84	85	86	87
488	444	120,763	160	857	\$29,966 74	\$34 97	\$19,673 17	\$415 07
469	460	123,577	171	801	28,477 39	35 55	14,884 86	818 98
193	189	57,783	173	374	17,591 07	47 03	10,348 25	204 53
378	330	100,794	171	653	19,841 72	30 39	11,895 55	669 92
326	279	75,599	170	500	12,339 78	24 68	7,907 84	226 99
238	243	70,074	169	464	18,523 00	39 92	10,317 83	682 41
283	250	65,352	160	510	17,845 34	34 99	8,729 00	202 29
282	224	64,415	150	478	15,384 55	32 19	11,169 92	105 03
242	244	58,189	167	395	12,917 38	32 70	8,887 40	219 60
130	149	37,072	159	249	9,593 21	38 53	6,320 79	209 22
287	251	67,177	156	476	14,891 62	31 28	8,675 10	371 23
275	260	71,374	160	478	14,120 20	29 54	8,298 65	107 40
179	195	44,175	155	310	27,364 02	88 27	14,356 00	697 00
78	103	26,789	174	167	7,821 75	46 84	4,239 00	123 55
201	215	52,623	175	347	7,150 48	20 61	5,510 76	109 45
159	142	41,081	172	275	11,918 06	43 34	6,553 73	304 58
172	160	48,536	170	299	8,882 43	29 71	6,106 53	221 30
172	119	36,428	166	266	9,437 53	35 48	5,862 40	94 15
188	221	55,593	165	371	10,395 39	28 02	6,054 00	294 76
176	152	42,141	167	288	10,050 71	34 90	5,418 26	87 69
247	241	60,916	153	446	13,918 91	31 21	9,692 03	239 88
152	156	42,614	167	286	11,716 54	40 97	7,194 72	340 33
159	163	43,759	170	281	7,095 71	25 25	4,234 01	449 79
140	147	38,917	161	268	8,183 59	30 54	5,594 00	277 06
199	180	50,983	166	281	16,624 46	59 16	9,001 50	798 90
153	137	38,651	173	254	8,552 13	33 67	5,435 00	—
126	120	33,041	164	227	9,571 76	42 17	5,354 60	606 26
112	117	33,180	168	220	10,756 41	48 89	6,140 00	63 25
106	92	27,979	167	178	10,017 82	56 28	5,282 28	64 16
131	111	38,580	182	232	9,429 35	40 60	5,641 38	292 37
136	124	35,864	166	235	8,284 08	35 25	5,185 00	128 18
109	105	34,433	160	190	9,003 51	47 39	4,526 11	155 30
108	98	29,075	163	191	13,413 63	70 23	6,743 25	237 61
125	99	32,093	166	209	5,892 39	28 19	3,960 00	88 44
111	116	33,460	171	213	11,018 76	51 73	6,781 72	225 00
94	91	27,462	164	169	8,862 68	52 44	5,357 26	202 28
113	125	29,011	145	220	7,640 29	34 73	5,983 00	236 80
113	131	35,734	172	224	8,307 37	37 09	5,722 78	39 77
94	82	24,942	173	154	11,044 86	71 72	4,539 25	426 96
85	59	15,146	161	110	5,828 57	52 99	3,000 50	51 71
99	99	26,020	154	186	6,674 05	35 88	3,085 00	252 04
83	92	23,825	170	157	8,685 26	56 58	4,894 42	113 74
126	124	31,114	154	218	8,867 96	40 68	4,022 50	63 69
78	80	20,794	164	139	6,119 11	44 02	4,164 10	112 45
70	90	22,008	168	153	8,040 67	52 55	4,204 29	66 00

## DEPARTMENT OF EDUCATION

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	Resident pupils for whom the town pays tuition in public high schools of other towns or cities	HIGH SCHOOL	
			EXPENDITURE FOR TUITION AND HIGH SCHOOLS IN OTHER	
			For tuition	For transportation
		103	104	105
229	Agawam . . . . .	104	\$7,223 87	\$2,681 43
230	Dracut . . . . .	59	3,113 02	-
231	Leicester . . . . .	-	-	-
232	Auburn . . . . .	61	5,115 00	1,103 00
233	Seekonk . . . . .	50	3,891 24	510 37
234	West Bridgewater . . . . .	- <sup>1</sup>	-	-
235	Deerfield . . . . .	- <sup>1</sup>	-	-
236	Hatfield . . . . .	- <sup>1</sup>	-	-
237	Swansea . . . . .	34	2,970 00	810 00
238	Wilbraham . . . . .	43 <sup>2</sup>	4,023 00	1,465 02
239	Dighton . . . . .	23	1,495 00	943 28
240	Acushnet . . . . .	26	2,151 13	1,219 10
241	Hull . . . . .	29	1,974 00	891 64
242	Shirley . . . . .	31	2,557 50	1,300 40
243	Rehoboth . . . . .	30	1,959 00	603 44
244	Acton . . . . .	63	6,218 69	1,797 78
245	Ashburnham . . . . .	- <sup>1</sup>	-	-
246	Georgetown . . . . .	- <sup>1</sup>	-	-
247	Millville . . . . .	32	1,925 00	572 40
248	Bellingham . . . . .	22	868 57	411 62
249	East Longmeadow . . . . .	50	5,016 00	947 07
250	Colrain . . . . .	31	2,956 00	1,218 48
251	Raynham . . . . .	45	2,785 00	997 64
252	Hanson . . . . .	29	1,125 00	478 43
253	Longmeadow . . . . .	58	8,120 00	647 10
254	Salisbury . . . . .	46	2,977 19	1,200 00
255	Freetown . . . . .	27	2,240 00	1,188 91
256	Sturbridge . . . . .	25	1,226 50	905 93
257	Newbury . . . . .	28	1,940 84	1,276 00
258	Buckland . . . . .	47	3,544 00	1,000 25
259	Cheshire . . . . .	36	1,620 00	690 20
260	Lakeville . . . . .	28	3,337 61	604 42
261	Marion . . . . .	8 <sup>3</sup>	537 25	-
262	Rowley . . . . .	46	2,843 39	1,375 74
263	Westwood . . . . .	45	3,922 00	1,078 00
264	Bedford . . . . .	42	2,842 28	889 10
265	Southwick . . . . .	14	951 25	838 20
266	Mattapoisett . . . . .	37	-	789 87
267	Lincoln . . . . .	34	2,960 22	541 66
268	Middleton . . . . .	17	977 10	280 00
269	North Reading . . . . .	30	2,832 00	159 02
270	West Brookfield . . . . .	21	1,735 50	648 50
271	Sunderland . . . . .	25	1,374 38 <sup>5</sup>	545 38 <sup>5</sup>
272	West Stockbridge . . . . .	16	1,082 05	495 02
273	Norfolk . . . . .	45	2,102 50	850 00

<sup>1</sup> Pupils attend local academy.    <sup>2</sup> Not including pupils attending Wilbraham Academy.

<sup>3</sup> Not including pupils attending Tabor Academy.

# SCHOOL RETURNS

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## AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

EDUCATION FOR YEAR ENDING JUNE 30, 1919

TRANSPORTATION TO PUBLIC TOWNS OR CITIES		Reimbursement payable by the State, fall, 1919	NET COST TO TOWN FOR HIGH SCHOOL EDUCATION	
Total	Average amount per pupil		Amount	Average amount per pupil
106	107	108	109	110
\$9,905 30	\$95 24	-	\$9,905 30	\$95 24
3,113 02	52 76	-	3,113 02	52 76
-	-	-	-	-
6,218 00	101 93	-	6,218 00	101 93
4,401 61	88 03	-	4,401 61	88 03
-	-	-	-	-
-	-	-	-	-
3,780 00	111 18	-	3,780 00	111 18
5,488 02	127 63	\$3,460 52	2,027 50	47 15
2,438 28	106 01	-	2,438 28	106 01
3,370 23	129 62	-	3,370 23	129 62
2,865 64	98 82	-	2,865 64	98 82
3,857 90	124 45	1,587 02	2,270 88	73 25
2,562 44	85 41	-	2,562 44	85 41
8,016 47	127 25	-	8,016 47	127 25
-	-	-	-	-
2,497 40	78 04	1,534 55	962 85	30 09
1,280 19	58 19	845 91	434 28	19 74
5,963 07	119 26	3,433 76	2,529 31	50 59
4,174 48	134 66	3,120 48	1,054 00	34 00
3,782 64	84 06	2,489 54	1,293 10	28 74
1,603 43	55 29	-	1,603 43	55 29
8,767 10	151 16	412 79	8,354 31	144 04
4,177 19	90 81	2,007 73	2,169 46	47 16
3,428 91	127 00	2,312 10	1,116 81	41 36
2,132 43	85 30	1,906 96	225 47	9 01
3,216 84	114 89	1,439 00	1,777 84	63 49
4,544 25	96 69	2,253 87	2,290 38	48 73
2,310 20	64 17	1,905 20	405 00	11 25
3,942 03	140 79	1,514 63	2,427 40	86 69
537 25	67 17	-	537 25	67 17
4,219 13	91 72	2,729 06	1,490 07	32 39
5,000 00	111 11	-	5,000 00	111 11
3,731 38	88 84	348 93	3,382 45	80 53
1,789 45 <sup>4</sup>	127 82	1,018 33	771 12	55 08
789 87	21 35	-	789 87	21 35
3,501 88	103 00	361 90	3,139 98	92 35
1,257 10	73 95	657 00	600 10	35 30
2,991 02	99 70	1,160 41	1,830 61	61 02
2,384 00	113 52	1,379 03	1,004 97	47 86
1,919 76 <sup>5</sup>	76 79 <sup>5</sup>	1,929 39	-	-
1,577 07	98 57	1,056 39	520 68	32 54
2,952 50	65 61	1,651 40	1,301 10	28 91

<sup>4</sup> Also expended \$635.44 for high school instruction of 6 pupils.

<sup>5</sup> Does not include certain bills paid after close of school year.

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	EMPLOYMENT CERTIFICATES AND HOME PERMITS					
		EMPLOYMENT CERTIFICATES ISSUED			DIFFERENT		
		To boys	To girls	Total	EMPLOYMENT CERTIFICATES		
					Boys	Girls	Total
		111	112	113	114	115	116
229	Agawam . . . .	52	17	69	33	14	47
230	Dracut . . . .	39	36	75	26	26	52
231	Leicester . . . .	47	27	74	28	22	50
232	Auburn . . . .	90	110	200	77	57	134
233	Seekonk . . . .	42	28	70	36	26	62
234	West Bridgewater .	39	27	66	15	14	29
235	Deerfield . . . .	7	13	20	7	13	20
236	Hatfield . . . .	3	2	5	3	2	5
237	Swansea . . . .	18	24	42	14	16	30
238	Wilbraham . . . .	19	10	29	19	10	29
239	Dighton . . . .	20	23	43	9	9	18
240	Acushnet . . . .	76	54	130	16	25	41
241	Hull . . . .	10	2	12	1	1	2
242	Shirley . . . .	15	13	28	6	1	7
243	Rehoboth . . . .	4	4	8	1	1	2
244	Acton . . . .	9	2	11	8	2	10
245	Ashburnham . . . .	1	4	5	1	3	4
246	Georgetown . . . .	35	22	57	22	11	33
247	Millville . . . .	10	8	18	9	6	15
248	Bellingham . . . .	8	2	10	7	2	9
249	East Longmeadow .	17	10	27	13	7	20
250	Colrain . . . .	10	6	16	9	6	15
251	Raynham . . . .	20	11	31	15	7	22
252	Hanson . . . .	19	18	37	14	13	27
253	Longmeadow . . . .	6	8	14	6	4	10
254	Salisbury . . . .	30	17	47	21	15	36
255	Freetown . . . .	22	26	48	14	16	30
256	Sturbridge . . . .	25	25	50	19	13	32
257	Newbury . . . .	7	5	12	4	2	6
258	Buckland . . . .	9	4	13	9	2	11
259	Cheshire . . . .	5	2	7	3	2	5
260	Lakeville . . . .	11	4	15	11	4	15
261	Marion . . . .	4	3	7	4	3	7
262	Rowley . . . .	31	16	47	18	14	32
263	Westwood . . . .	7	2	9	5	1	6
264	Bedford . . . .	8	2	10	6	2	8
265	Southwick . . . .	3	3	6	-	-	-
266	Mattapoisett . . . .	5	12	17	5	4	9
267	Lincoln . . . .	-	3	3	-	3	3
268	Middleton . . . .	4	2	6	4	2	6
269	North Reading . . .	5	3	8	5	2	7
270	West Brookfield . .	5	8	13	4	8	12
271	Sunderland . . . .	8	2	10	8	2	10
272	West Stockbridge . .	1	1	2	1	1	2
273	Norfolk . . . .	12	2	14	8	1	9

## SCHOOL RETURNS

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

ISSUED TO PERSONS 14 TO 16 YEARS OF AGE, YEAR ENDING JUNE 30, 1919

[illegible]

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	MEMBERSHIP IN PUBLIC DAY							
		Kindergarten	ELEMENTARY						
			Special classes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	
		126	127	128	129	130	131	132	133
229	Agawam . . .	-	-	169	123	127	108	93	81
230	Dracut . . .	-	-	133	126	93	100	115	88
231	Leicester . . .	-	-	49	52	47	46	47	41
232	Auburn . . .	-	-	133	110	90	116	82	74
233	Seekonk . . .	-	-	75	76	72	75	68	63
234	West Bridgewater .	-	-	65	53	64	58	66	61
235	Deerfield . . .	-	-	131	107	78	72	59	63
236	Hatfield . . .	-	-	95	60	69	56	62	54
237	Swansea . . .	-	-	72	68	57	60	66	68
238	Wilbraham . . .	-	-	46	32	43	39	36	28
239	Dighton . . .	-	-	120	67	62	75	73	67
240	Acushnet . . .	-	-	104	86	85	82	76	45
241	Hull . . .	43	-	38	67	49	44	46	22
242	Shirley . . .	-	-	31	22	19	17	33	17
243	Rehoboth . . .	-	-	65	61	34	61	60	34
244	Acton . . .	-	-	35	35	37	25	33	50
245	Ashburnham . . .	-	-	49	47	36	52	27	33
246	Georgetown . . .	-	-	44	42	34	42	44	41
247	Millville . . .	-	-	75	65	46	53	56	43
248	Bellingham . . .	-	-	66	44	43	49	44	29
249	East Longmeadow .	-	-	77	41	65	49	65	53
250	Colrain . . .	-	-	35	33	25	43	41	35
251	Raynham . . .	-	-	58	56	31	32	27	29
252	Hanson . . .	-	-	39	31	37	36	28	36
253	Longmeadow . . .	-	-	60	40	56	44	40	34
254	Salisbury . . .	-	-	36	28	27	40	44	31
255	Freetown . . .	-	-	47	29	21	24	30	29
256	Sturbridge . . .	-	-	58	25	27	34	26	14
257	Newbury . . .	-	-	25	20	17	19	23	22
258	Buckland . . .	-	-	34	24	26	32	38	32
259	Cheshire . . .	-	-	45	34	19	27	27	43
260	Lakeville . . .	-	-	33	27	26	6	24	23
261	Marion . . .	-	-	22	30	15	19	34	24
262	Rowley . . .	-	-	34	35	21	26	21	32
263	Westwood . . .	-	-	33	22	30	29	30	27
264	Bedford . . .	-	-	26	38	26	18	27	19
265	Southwick . . .	-	-	28	40	33	27	25	23
266	Mattapoisett . . .	-	-	42	41	21	17	39	22
267	Lincoln . . .	-	-	32	27	16	18	29	25
268	Middleton . . .	-	-	16	16	12	14	16	15
269	North Reading . . .	-	-	38	22	21	25	26	17
270	West Brookfield . .	-	-	38	13	16	8	20	23
271	Sunderland . . .	-	-	50	40	38	42	33	35
272	West Stockbridge . .	-	-	44	14	20	8	19	17
273	Norfolk . . .	-	-	24	23	14	20	20	22

## SCHOOL RETURNS

clv

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

SCHOOLS, BY GRADES, APRIL 1, 1919

SCHOOL				HIGH SCHOOL								Grand total
Grade 7, or first year Junior High	Grade 8, or Junior 2	Grade 9, if in elementary school	Total	First year, or Junior 3	Second year	Third year	Fourth year	Fifth year, if any	Post-graduates	Total		
134	135	136	137	138	139	140	141	142	143	144	145	
72	66	19	858	-	-	-	-	-	-	-	858	
76	72	-	803	-	-	-	-	-	-	-	803	
43	39	-	364	-	-	-	-	-	-	-	364	
70	34	-	709	-	-	-	-	-	-	-	709	
44	34	-	507	-	-	-	-	-	-	-	507	
43	36	18	464	-	-	-	-	-	-	-	464	
19	58	-	587	-	-	-	-	-	-	-	587	
39	50	-	485	-	-	-	-	-	-	-	485	
28	22	-	441	-	-	-	-	-	-	-	441	
21	19	-	264	-	-	-	-	-	-	-	264	
53	18	10	545	-	-	-	-	-	-	-	545	
30	14	-	522	-	-	-	-	-	-	-	522	
33	32	-	331	-	-	-	-	-	-	-	374	
16	17	-	172	-	-	-	-	-	-	-	172	
43	33	25	416	-	-	-	-	-	-	-	416	
31	28	-	274	-	-	-	-	-	-	-	274	
30	27	-	301	-	-	-	-	-	-	-	301	
38	20	-	305	-	-	-	-	-	-	-	305	
30	21	-	389	-	-	-	-	-	-	-	389	
21	20	9	325	-	-	-	-	-	-	-	325	
49	34	-	433	-	-	-	-	-	-	-	433	
29	24	20	285	-	-	-	-	-	-	-	285	
23	17	15	288	-	-	-	-	-	-	-	288	
25	29	8	269	-	-	-	-	-	-	-	269	
42	33	26	375	-	-	-	-	-	-	-	375	
26	37	-	269	-	-	-	-	-	-	-	269	
24	17	-	221	-	-	-	-	-	-	-	221	
20	15	-	219	-	-	-	-	-	-	-	219	
29	26	-	181	-	-	-	-	-	-	-	181	
27	21	-	234	-	-	-	-	-	-	-	234	
27	10	6	238	-	-	-	-	-	-	-	238	
22	24	22	207	-	-	-	-	-	-	-	207	
19	23	-	186	-	-	-	-	-	-	-	186	
28	23	-	220	-	-	-	-	-	-	-	220	
28	25	-	224	-	-	-	-	-	-	-	224	
14	14	-	182	-	-	-	-	-	-	-	182	
7	16	20	219	2	4	-	-	-	-	6	225	
33	19	-	234	-	-	-	-	-	-	-	234	
17	18	-	182	-	-	-	-	-	-	-	182	
13	12	-	114	-	-	-	-	-	-	-	114	
26	20	-	195	-	-	-	-	-	-	-	195	
19	13	7	157	-	-	-	-	-	-	-	157	
11	13	-	262	-	-	-	-	-	-	-	262	
15	12	-	149	-	-	-	-	-	-	-	149	
19	17	-	159	-	-	-	-	-	-	-	159	

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		PRINCIPALS AND FULL-TIME						
		ELEMENTARY SCHOOL						Total
		Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	
		146	147	148	149	150	151	152
229	Agawam . . . .	-	-	21	1	3	1	26
230	Dracut . . . .	-	-	22	-	1	-	23
231	Leicester . . . .	-	-	11	-	5	-	16
232	Auburn . . . .	-	-	13	2	3	2	20
233	Seekonk . . . .	-	-	10	-	5	-	15
234	West Bridgewater . . . .	-	-	13	-	2	-	15
235	Deerfield . . . .	-	1	10	-	4	-	15
236	Hatfield . . . .	-	-	12	-	5	-	17
237	Swansea . . . .	-	-	9	-	5	-	14
238	Wilbraham . . . .	-	1	8	-	1	-	10
239	Dighton . . . .	-	-	7	-	8	-	15
240	Acushnet . . . .	-	-	7	-	5	-	12
241	Hull . . . .	3	-	7	3	-	-	13
242	Shirley . . . .	-	-	6	-	-	-	6
243	Rehoboth . . . .	-	-	3	-	9	-	12
244	Acton . . . .	-	1	9	-	-	-	10
245	Ashburnham . . . .	-	-	2	-	6	3	11
246	Georgetown . . . .	-	-	7	1	-	-	8
247	Millville . . . .	-	-	3	-	7	-	10
248	Bellingham . . . .	-	-	4	-	5	-	9
249	East Longmeadow . . . .	-	1	10	1	3	-	15
250	Colrain . . . .	-	-	7	-	6	-	13
251	Raynham . . . .	-	-	6	-	2	-	8
252	Hanson . . . .	-	-	6	-	2	-	8
253	Longmeadow . . . .	-	1	8	2	1	-	12
254	Salisbury . . . .	-	-	7	2	-	-	9
255	Freetown . . . .	-	-	10	-	-	-	10
256	Sturbridge . . . .	-	-	2	-	8	-	10
257	Newbury . . . .	-	-	3	3	2	-	8
258	Buckland . . . .	-	-	6	-	2	1	9
259	Cheshire . . . .	-	-	6	-	2	-	8
260	Lakeville . . . .	-	-	8	-	-	-	8
261	Marion . . . .	-	-	8	-	-	-	8
262	Rowley . . . .	-	-	4	2	1	-	7
263	Westwood . . . .	-	-	8	-	-	-	8
264	Bedford . . . .	-	-	3	1	1	-	5
265	Southwick . . . .	-	-	10	3	-	-	13
266	Mattapoisett . . . .	-	-	7	-	-	-	7
267	Lincoln . . . .	-	-	5	1	-	-	6
268	Middleton . . . .	-	-	3	-	1	-	4
269	North Reading . . . .	-	-	5	-	-	-	5
270	West Brookfield . . . .	-	-	3	-	5	-	8
271	Sunderland . . . .	-	-	5	2	-	-	7
272	West Stockbridge . . . .	-	-	6	-	1	-	7
273	Norfolk . . . .	-	-	4	1	1	-	6



## SCHOOL RETURNS

clvii

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

TEACHERS, CLASSIFIED ACCORDING TO TRAINING, JAN. 1, 1919

HIGH SCHOOL							Grand total
Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total	
153	154	155	156	157	158	159	160
-	-	-	-	-	-	-	26
-	-	-	-	-	-	-	23
-	-	-	-	-	-	-	16
-	-	-	-	-	-	-	20
-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	17
-	-	-	-	-	-	-	14
-	-	-	-	-	-	-	10
-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	12
-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	12
-	-	-	-	-	-	-	10
-	-	-	-	-	-	-	11
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	10
-	-	-	-	-	-	-	9
-	-	-	-	-	-	-	15
-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	12
-	-	-	-	-	-	-	9
-	-	-	-	-	-	-	10
-	-	-	-	-	-	-	10
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	9
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	13
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	SCHOOL BUILDINGS IN USE, JAN. 1, 1919				ESTIMATED VALUE	
		One-room buildings	Two-room buildings	Buildings of three or more rooms	Total	ELEMENTARY	
						Sites	Buildings
		161	162	163	164	165	166
229	Agawam . . . .	5	—	4	9	\$14,000	\$153,300
230	Dracut . . . .	2	1	4	7	8,000	165,000
231	Leicester . . . .	1	1	3	5	4,500	101,000
232	Auburn . . . .	8	2	2	12	2,900	54,000
233	Seekonk . . . .	2	3	2	7	2,550	42,200
234	West Bridgewater . .	5	3	1	9	3,000	39,200
235	Deerfield . . . .	4	—	2	6	2,000	52,500
236	Hatfield . . . .	—	4	1	5	5,000	60,000
237	Swansea . . . .	5	2	1	8	1,500	53,000
238	Wilbraham . . . .	3	2	1	6	3,500	15,000
239	Dighton . . . .	6	2	1	9	5,000	71,000
240	Acushnet . . . .	1	2	1	4	5,000	36,000
241	Hull . . . . .	—	—	2	2	2,400	30,000
242	Shirley . . . .	—	3	—	3	2,100	9,000
243	Rehoboth . . . .	12	—	—	12	800	12,000
244	Acton . . . . .	—	—	3	3	1,500	24,000
245	Ashburnham . . . .	3	—	2	5	2,500	32,000
246	Georgetown . . . .	—	—	1	1	2,000	20,000
247	Millville . . . .	1	1	1	3	2,500	18,000
248	Bellingham . . . .	—	—	3	3	1,200	24,000
249	East Longmeadow . .	3	—	2	5	5,000	40,000
250	Colrain . . . . .	7	3	—	10	300	6,000
251	Raynham . . . .	5	1	—	6	850	7,550
252	Hanson . . . . .	6	1	—	7	2,250	10,300
253	Longmeadow . . . .	—	2	2	4	15,000	70,000
254	Salisbury . . . .	2	—	1	3	300	45,000
255	Freetown . . . .	2	4	—	6	1,200	15,000
256	Sturbridge . . . .	3	2	1	6	2,000	26,000
257	Newbury . . . . .	—	—	2	2	—	80,000
258	Buckland . . . . .	1	1	1	3	1,500	15,000
259	Cheshire . . . . .	2	—	1	3	1,300	10,500
260	Lakeville . . . .	2	1	1	4	850	14,300
261	Marion . . . . .	—	2	1	3	6,000	50,000
262	Rowley . . . . .	3	—	1	4	2,000	15,800
263	Westwood . . . .	—	—	2	2	4,000	22,000
264	Bedford . . . . .	—	—	1	1	8,000	28,000
265	Southwick . . . .	11	1	—	12	2,200	19,800
266	Mattapoisett . . . .	1	—	1	2	5,000	40,000
267	Lincoln . . . . .	—	—	1	1	5,000	50,000
268	Middleton . . . .	—	—	1	1	400	6,000
269	North Reading . . . .	—	—	1	1	5,000	35,000
270	West Brookfield . . .	2	1	1	4	425	11,000
271	Sunderland . . . .	—	1	1	2	2,000	6,000
272	West Stockbridge . .	4	—	1	5	1,000	9,000
273	Norfolk . . . . .	—	1	1	2	2,000	10,500

## SCHOOL RETURNS

clix

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

OF PUBLIC SCHOOL PROPERTY						Grand total
SCHOOLS		HIGH SCHOOLS				
Equipment (furniture, apparatus, libraries, etc.)	Total	Sites	Buildings	Equipment (furniture, apparatus, libraries, etc.)	Total	
167	168	169	170	171	172	173
\$4,000	\$171,300	-	-	-	-	\$171,300
7,000	180,000	-	-	-	-	180,000
8,000	113,500	-	-	-	-	113,500
6,000	62,900	-	-	-	-	62,900
4,600	49,350	-	-	-	-	49,350
3,440	45,640	-	-	-	-	45,640
3,000	57,500	-	-	-	-	57,500
5,000	70,000	-	-	-	-	70,000
3,300	57,800	-	-	-	-	57,800
2,000	20,500	-	-	-	-	20,500
5,000	81,000	-	-	-	-	81,000
10,000	51,000	-	-	-	-	51,000
2,000	34,400	-	-	-	-	34,400
600	11,700	-	-	-	-	11,700
1,000	13,800	-	-	-	-	13,800
1,200	26,700	-	-	-	-	26,700
3,000	37,500	-	-	-	-	37,500
4,000	26,000	-	-	-	-	26,000
5,600	26,100	-	-	-	-	26,100
2,100	27,300	-	-	-	-	27,300
3,000	48,000	-	-	-	-	48,000
500	6,800	-	-	-	-	6,800
2,000	10,400	-	-	-	-	10,400
2,300	14,850	-	-	-	-	14,850
7,000	92,000	-	-	-	-	92,000
2,500	47,800	-	-	-	-	47,800
4,500	20,700	-	-	-	-	20,700
2,500	30,500	-	-	-	-	30,500
400	80,400	-	-	-	-	80,400
1,200	17,700	-	-	-	-	17,700
1,100	12,900	-	-	-	-	12,900
1,400	16,550	-	-	-	-	16,550
3,000	59,000	-	-	-	-	59,000
4,200	22,000	-	-	-	-	22,000
3,000	29,000	-	-	-	-	29,000
6,000	42,000	-	-	-	-	42,000
1,100	23,100	-	-	-	-	23,100
5,000	50,000	-	-	-	-	50,000
3,000	58,000	-	-	-	-	58,000
550	6,950	-	-	-	-	6,950
1,000	41,000	-	-	-	-	41,000
1,000	12,425	-	-	-	-	12,425
1,000	9,000	-	-	-	-	9,000
2,500	12,500	-	-	-	-	12,500
985	13,485	-	-	-	-	13,485

## DEPARTMENT OF EDUCATION

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS	Population, State Census, 1915	Valuation, as of April 1, 1918	TEACHING STAFF IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELE- MENTARY, HIGH — JAN. 1, 1919					
			SUPERVISORS		Principals	TEACHERS		
			Full time	Part time		Full time	Part time	
	1	2	3	4	5	6	7	
274 Hinsdale . . .	1,257	\$772,337	-	1	-	9	-	
275 Erving . . .	1,168	1,268,238	-	1	-	8	-	
276 Rochester . . .	1,160	1,092,371	-	-	-	8	-	
277 Whately . . .	1,118	810,373	-	1	-	7	-	
278 Clarksburg . . .	1,114	421,113	-	-	-	6	-	
279 Lynnfield . . .	1,112	1,617,483	-	2	-	7	-	
280 Harvard . . .	1,104	1,928,606	-	2	-	4	-	
281 Russell . . .	1,104	2,096,300	-	-	-	9	2	
282 Lanesborough . . .	1,089	895,470	-	1	-	7	-	
283 Hubbardston . . .	1,084	815,479	-	1	-	7	-	
284 Wenham . . .	1,068	2,225,660	-	1	-	6	3	
285 Berkley . . .	985	612,851	-	-	-	5	-	
286 Becket . . .	973	739,983	-	-	-	6	2	
287 Tyngsborough . . .	967	923,432	-	3	-	4	-	
288 Gill . . .	951	657,344	-	1	-	6	-	
289 Southampton . . .	950	646,637	-	-	-	7	-	
290 Berlin . . .	865	657,705	-	2	-	5	-	
291 Royalston . . .	862	894,315	-	-	-	7	-	
292 Granby . . .	828	821,878	-	-	-	4	1	
293 Enfield . . .	806	646,320	-	-	-	5	-	
294 Granville . . .	784	557,361	-	-	-	8	-	
295 Boylston . . .	783	610,389	-	2	-	4	-	
296 Leverett . . .	779	450,737	-	1	-	5	-	
297 Burlington . . .	751	1,114,151	-	2	-	4	1	
298 Boxford . . .	714	884,000	-	2	-	5	-	
299 Dana . . .	712	485,565	-	2	-	5	-	
300 Hampden . . .	670	477,563	-	2	-	5	-	
301 Truro . . .	663	557,120	-	-	-	4	-	
302 Cummington . . .	660	387,380	-	1	-	5	-	
303 Halifax . . .	638	779,840	-	1	-	3	-	
304 Blandford . . .	623	792,613	-	-	-	6	2	
305 Worthington . . .	618	436,069	-	1	-	5	1	
306 Egremont . . .	599	641,216	-	-	-	3	-	
307 Plympton . . .	599	491,373	-	1	-	3	-	
308 Richmond . . .	564	556,778	-	1	-	6	-	
309 Sandisfield . . .	564	501,965	-	-	-	7	-	
310 Chesterfield . . .	559	404,725	-	1	-	5	1	
311 Eastham . . .	545	443,739	-	1	-	3	-	
312 Oakham . . .	527	454,628	-	1	-	4	-	
313 Savoy . . .	524	215,870	-	-	-	6	-	
314 Hancock . . .	514	374,356	-	-	-	5	-	
315 Pelham . . .	499	526,255	-	2	-	4	-	
316 Carlisle . . .	490	503,371	-	-	-	3	-	
317 Warwick . . .	477	454,666	-	-	-	3	-	
318 Paxton . . .	471	427,283	-	-	-	3	-	

<sup>1</sup> Estimated.

## SCHOOL RETURNS

clxi

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

PERSONS 5 TO 16 YEARS OF AGE, APRIL 1, 1919									ILLITERATE MINORS, 16 TO 21 YEARS OF AGE	
5 TO 7 YEARS			7 TO 14 YEARS			14 TO 16 YEARS			In registration of minors, April 1, 1919	Receiving employment certificates, year ending Aug. 31, 1918
In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership		
8	9	10	11	12	13	14	15	16	17	18
26	16	-	140	134	-	42	18	-	-	-
32	27	-	179	183	-	40	26	-	-	-
40	33	-	140	129	-	20	2	-	-	-
72	29	-	215	207	-	31	14	-	-	-
41	19	-	130	103	-	29	7	-	-	-
58	19	-	133	133	-	30	6	-	-	-
21	10	-	105	99	-	30	7	10	-	-
43	20	-	145	145	-	30	21	-	-	1
38	22	-	130	119	-	38	11	-	-	-
27	20	-	149	132	-	30	26	-	-	-
45	24	-	97	96	-	21	11	-	-	-
13	13	-	137	127	-	19	20	-	-	-
28	14	-	111	118	-	31	18	-	-	-
29	33	-	119	99	-	35	1	-	-	-
19	20	-	140	126	-	26	9	-	-	-
24	16	-	114	84	-	13	1	-	1	1
10	8	-	138	129	-	12	10	-	-	-
23	10	-	110	106	-	30	14	-	-	-
26	10	-	116	87	-	10	9	-	-	-
22	20	-	117	116	-	17	26	-	-	-
18	14	-	72	74	-	22	16	-	-	-
31	15	-	123	111	-	43	21	-	1	-
31	13	-	109	107	-	21	13	-	1	-
27	18	-	102	101	-	32	14	-	-	-
29	13	-	101	88	-	31	5	4	-	-
21	6	-	71	69	-	19	3	-	-	-
26	12	-	100	89	-	23	9	-	-	-
22	16	-	76	70	-	29	14	-	-	-
14	12	-	71	70	-	27	6	-	-	-
42	16	-	67	77	-	16	6	-	-	-
23	6	-	74	67	-	14	7	-	-	-
10	4	-	38	47	-	12	9	-	-	-
12 <sup>1</sup>	10	-	64 <sup>1</sup>	64	-	4 <sup>1</sup>	4	-	-	-
17	16	-	72	61	-	19	3	-	-	-
20	9	-	71	72	-	26	5	-	-	-
13	13	-	86	73	-	16	8	-	-	-
12	9	-	57	64	-	13	13	-	-	-
14	11	-	59	59	-	17	11	-	-	-
16	17	-	60	64	-	20	6	-	-	-
24	11	-	84	81	-	17	8	-	-	-
19	9	-	51	47	-	17	7	-	-	-
11	5	-	72	68	-	13	5	-	-	-
19	11	-	77	60	-	7	2	-	-	-
5	1	-	44	44	-	10	1	-	-	-
13	8	-	67	65	-	4	2	-	-	-

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	PUPILS IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — YEAR ENDING JUNE 30, 1919						
		Pupils enrolled	Aggregate days' attendance	Average daily attendance	Average number of days in session	Average membership	Pupils for whom town pays tuition for not less than half of school year	Nonresidents who attended not less than half of school year
		19	20	21	22	23	24	25
274	Hinsdale . . . .	200	26,680	150	176	167	33	14
275	Erving . . . . .	243	40,064	220	182	237	17	8
276	Rochester . . . .	164	23,663	153	155	156	13	—
277	Whately . . . . .	230	28,595	175	163	229	8	4
278	Clarksburg . . . .	146	20,664	118	174	136	14	—
279	Lynnfield . . . .	177	23,746	142	166	153	21	14
280	Harvard . . . . .	116	15,502	86	181	101	—	—
281	Russell . . . . .	188	28,160	160	176	178	18	—
282	Lanesborough . . .	187	23,308	138	169	157	29	2
283	Hubbardston . . .	197	27,651	166	167	185	17	—
284	Wenham . . . . .	143	18,811	122	166	132	42	—
285	Berkley . . . . .	160	20,754	124	167	140	21	7
286	Becket . . . . .	159	17,380	106	164	121	12	23
287	Tyngsborough . . .	142	18,465	108	168	130	19	6
288	Gill . . . . .	157	23,548	137	172	147	20	—
289	Southampton . . .	131	15,696	93	169	103	12	6
290	Berlin . . . . .	161	19,072	117	163	154	21	7
291	Royalston . . . .	148	20,387	121	170	138	22	15
292	Granby . . . . .	115	15,172	94	161	104	11	8
293	Enfield . . . . .	166	22,716	131	173	141	25	50
294	Granville . . . .	102	14,978	89	167	100	7	11
295	Boylston . . . . .	163	22,535	133	169	148	25	—
296	Leverett . . . . .	139	20,177	115	175	130	14	3
297	Burlington . . . .	133	17,341	110	158	121	34	6
298	Boxford . . . . .	110	13,325	77	165	81	16	4
299	Dana . . . . .	78	11,880	71	167	75	18	3
300	Hampden . . . . .	110	14,436	93	155	102	30	20
301	Truro . . . . .	100	16,350	89	183	96	20	9
302	Cummington . . . .	88	12,318	76	163	80	10	18
303	Halifax . . . . .	99	16,072	87	171	98	15	6
304	Blandford . . . .	95	12,734	76	168	85	20	—
305	Worthington . . . .	60	8,671	53	164	56	6	7
306	Egremont . . . . .	78	9,152	56	163	61	13	—
307	Plympton . . . . .	80	10,467	60	174	76	18	9
308	Richmond . . . . .	86	11,303	69	163	76	22	4
309	Sandisfield . . . .	123	13,609	81	168	95	6	—
310	Chesterfield . . . .	83	11,869	70	169	74	6	4
311	Eastham . . . . .	84	10,219	66	155	72	27	11
312	Oakham . . . . .	75	11,819	72	164	74	17	—
313	Savoy . . . . .	104	13,010	85	154	99	7	9
314	Hancock . . . . .	81	9,652	56	172	65	2	—
315	Pelham . . . . .	78	11,802	67	176	74	30	12
316	Carlisle . . . . .	77	11,285	70	162	75	18	6
317	Warwick . . . . .	40	6,484	36	176	41	11	—
318	Paxton . . . . .	75	9,300	55	169	63	16	—

## SCHOOL RETURNS

clxiii

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

Net average membership (Column 23+24—25)	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS — DAY, EVENING, VACATION — YEAR ENDING JUNE 30, 1919				
	INSTRUCTION				Operation of school plant, — janitor service, fuel and miscellaneous ex- penses
	General control	Salaries and expenses of supervisors, prin- cipals and teachers	Textbooks	Stationery, supplies and other expenses of instruction	
26	27	28	29	30	31
186	\$902 34	\$5,406 00	\$178 94	\$229 30	\$942 62
246	883 26	4,851 59	36 56	129 34	2,942 87
169	543 75	4,063 24	93 48	200 00	720 44
233	560 05	3,601 05	134 20	284 38	1,608 87
150	579 00	3,075 50	62 66	166 30	1,117 26
160	486 80	5,039 95	88 29	232 81	1,476 56
101	434 21	2,892 50	115 10	83 84	972 02
196	859 10	6,121 90	278 95	458 17	2,954 57
184	788 54	4,063 80	84 47	84 62	1,206 08
202	580 54	3,797 50	120 24	267 66	620 20
174	656 08	5,081 22	95 03	360 89	1,621 99
154	67 25	3,034 90	221 21	-	723 49
110	750 34	4,383 21	88 85	300 13	696 11
143	296 03	2,961 30	100 85	181 57	1,527 38
167	436 00	3,315 00	60 71	309 12	776 37
109	148 92	3,653 40	89 57	111 67	448 63
168	301 92	4,153 70	83 00	137 90	799 05
145	639 16	3,254 60	54 55	58 98	870 31
107	489 47	2,847 05	96 48	80 11	600 84
116	619 00	2,814 00	75 00	63 25	1,006 33
96	627 69	3,731 20	96 89	58 96	422 15
173	345 32	2,986 00	107 26	139 20	1,059 43
141	556 41	2,258 10	6 72	46 24	273 79
149	497 09	3,511 25	57 03	133 71	842 66
93	613 12	3,275 04	62 12	132 45	316 42
90	594 07	2,549 11	67 67	131 92	1,189 26
112	377 64	2,671 50	106 31	122 83	744 09
107	373 28	2,172 50	60 00	205 79	529 00
72	509 79	2,249 20	18 03	143 85	286 00
107	380 24	1,885 50	87 45	89 06	432 80
105	371 93	3,272 50	-	152 36	187 87
55	549 68	2,737 00	47 73	15 99	275 65
74	269 92	1,625 00	72 96	106 47	315 87
85	365 70	1,649 00	74 67	137 11	224 28
94	561 66	3,718 55	62 94	34 32	471 08
101	560 44	2,920 20	84 38	121 48	294 50
76	550 00	2,449 80	62 75	28 15	221 90
88	457 13	2,149 18	50 68	118 65	634 90
91	388 75	2,025 26	52 44	59 04	336 00
97	630 60	2,402 20	63 59	94 02	150 64
67	539 93	2,316 00	91 58	73 87	157 07
92	350 00	2,425 50	250 00	75 00	480 00
87	288 82	1,482 50	56 17	102 68	822 16
52	371 56	1,416 01	-	58 58	539 33
79	294 33	1,671 20	28 70	66 59	421 71

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS ENDING JUNE				
		Repairs, replacement and upkeep	Libraries	Promotion of health	TRANSPORTATION	
					To schools within town	To schools in other towns or cities
		32	33	34	35	36
274	Hinsdale . . .	\$333 47	-	\$75 00	\$19 00	\$1,008 00
275	Erving . . .	342 46	-	17 50	903 00	502 93
276	Rochester . . .	95 23	-	25 00	1,250 20	607 20
277	Whately . . .	301 26	-	75 00	626 09	129 18
278	Clarksburg . . .	76 55	-	69 50	-	-
279	Lynnfield . . .	214 80	-	39 00	850 00	838 96
280	Harvard . . .	101 85	-	25 00	4,711 00	-
281	Russell . . .	720 27	-	45 00	574 34	458 00
282	Lanesborough . . .	276 46	-	50 00	64 50	442 70
283	Hubbardston . . .	230 09	-	35 00	2,432 00	1,825 00
284	Wenham . . .	507 50	-	25 00	958 83	720 00
285	Berkley . . .	114 14	-	35 00	680 00	390 72
286	Becket . . .	289 35	-	27 60	292 30	652 17
287	Tyngsborough . . .	416 75	-	100 00	3,163 73	459 50
288	Gill . . .	95 20	-	15 00	764 50	501 00
289	Southampton . . .	103 16	-	8 00	21 00	157 90
290	Berlin . . .	242 40	-	1 50	250 00	254 49
291	Royalston . . .	62 94	-	-	2,077 41	764 74
292	Granby . . .	48 96	-	25 00	2,088 00	668 90
293	Enfield . . .	81 73	-	25 00	801 20	1,136 08
294	Granville . . .	60 99	-	25 00	73 00	528 75
295	Boylston . . .	600 35	-	75 00	2,622 43	452 25
296	Leverett . . .	39 63	-	25 00	990 20	234 50
297	Burlington . . .	51 69	-	27 60	1,494 55	295 51
298	Boxford . . .	84 46	-	35 00	681 20	85 25
299	Dana . . .	28 10	-	-	568 75	661 68
300	Hampden . . .	189 95	-	-	318 00	1,314 78
301	Truro . . .	-	-	-	385 50	1,230 00
302	Cummington . . .	201 83	-	125 83	609 60	253 80
303	Halifax . . .	30 27	-	-	2,201 60	669 40
304	Blandford . . .	135 20	-	19 50	1,300 35	562 50
305	Worthington . . .	20 14	-	25 00	799 60	252 00
306	Egremont . . .	100 21	-	25 00	-	272 70
307	Plympton . . .	64 63	-	25 00	-	1,570 97
308	Richmond . . .	97 92	-	30 00	-	495 33
309	Sandisfield . . .	93 81	-	-	115 70	36 24
310	Chesterfield . . .	59 77	-	233 00	1,024 97	258 00
311	Eastham . . .	229 91	-	25 00	1,062 00	988 00
312	Oakham . . .	200 85	-	20 00	670 20	813 34
313	Savoy . . .	22 43	-	20 00	-	24 00
314	Hancock . . .	109 52	-	-	-	55 50
315	Pelham . . .	47 32	-	50 00	463 21	663 08
316	Carlisle . . .	29 88	-	25 00	2,040 00	1,330 60
317	Warwick . . .	10 70	-	10 00	1,681 00	564 00
318	Paxton . . .	13 45	-	10 00	712 25	440 00



# SCHOOL RETURNS

clxv

## AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

— DAY, EVENING, VACATION — YEAR 30, 1919 — Con.			EXPENDITURES FOR OUTLAY, YEAR ENDING JUNE 30, 1919		
Tuition	Miscellaneous	Total for support	New grounds, buildings and alterations	New equipment	Total for outlay
37	38	39	40	41	42
\$1,311 00	—	\$10,405 67	—	—	—
1,088 17	\$61 79	11,759 47	—	—	—
1,411 00	71 76	9,081 30	—	—	—
625 00	—	7,945 08	—	—	—
655 09	—	5,801 86	—	—	—
1,187 06	147 75	10,601 98	\$256 70	\$45 60	\$302 30
—	58 36	9,393 88	—	—	—
1,005 00	204 22	13,679 52	900 00	329 00	1,229 00
1,350 00	—	8,411 17	—	—	—
1,059 50	2 55	10,970 28	—	—	—
2,479 70	—	12,506 24	—	28 54	28 54
965 00	8 90	6,240 61	—	—	—
747 40	39 76	8,267 22	—	—	—
828 58	403 10	10,438 79	—	—	—
1,298 50	68 19	7,639 59	—	—	—
809 64	—	5,551 89	—	14 00	14 00
957 70	18 08	7,199 74	—	—	—
1,188 83	17 68	8,989 20	—	—	—
1,246 94	126 71	8,318 46	798 68	—	798 68
1,076 25	12 10	7,709 94	—	—	—
665 50	66 09	6,356 22	—	—	—
2,422 50	40 89	10,850 63	—	—	—
311 25	12 08	4,753 92	—	—	—
1,543 75	9 47	8,464 31	—	—	—
995 00	—	6,280 06	—	—	—
639 00	22 68	6,452 24	—	—	—
3,002 00	—	8,847 10	4,522 60	846 40	5,369 00
820 00	—	5,776 07	—	—	—
557 00	17 24	4,972 17	—	—	—
599 00	—	6,375 32	—	—	—
978 25	—	6,980 46	—	—	—
490 00	98 50	5,311 29	—	—	—
492 75	—	3,280 88	—	—	—
1,204 51	—	5,315 87	—	—	—
1,178 00	—	6,649 80	—	—	—
113 50	—	4,340 25	—	—	—
299 75	6 26	5,194 35	—	—	—
1,600 00	36 00	7,351 45	—	—	—
849 00	—	5,414 88	—	—	—
305 00	—	3,712 48	—	—	—
38 00	—	3,381 47	—	—	—
1,766 19	75 00	6,645 30	—	—	—
1,628 50	1 50	7,807 81	—	—	—
371 88	71 68	5,094 74	—	—	—
1,040 00	70 10	4,768 33	—	—	—

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		EXPENDITURE FOR SUPPORT OF PUBLIC SCHOOLS — DAY, YEAR ENDING					
		FROM LOCAL TAXATION			FROM STATE AID (INCLUDING INCOME FROM MASSACHUSETTS SCHOOL FUND)		
		Amount	Per pupil in av- erage mem- bership	Rank	Amount	Per pupil in av- erage mem- bership	Rank
		43	44	45	46	47	48
274	Hinsdale . . . .	\$4,735 16	\$28 35	306	\$3,712 53	\$22 23	59
275	Erving . . . . .	7,837 64	33 07	270	2,250 61	9 50	109
276	Rochester . . . .	6,427 33	41 20	180	2,095 95	13 44	90
277	Whately . . . . .	5,181 83	22 63	333	1,893 69	8 27	122
278 <sup>A</sup>	Clarksburg . . . .	2,683 71	19 73	341	2,662 75	19 58	70
279	Lynnfield . . . . .	8,607 62	56 26	56	1,288 04	8 42	121
280	Harvard . . . . .	8,039 63	79 60	8	301 21	2 98	187
281	Russell . . . . .	10,972 10	61 64	36	1,427 24	8 01	124
282	Lanesborough . . .	4,665 55	29 72	299	3,106 68	19 79	69
283	Hubbardston . . . .	6,612 49	35 74	241	3,454 76	18 67	73
284	Wenham . . . . .	10,742 63	81 39	7	1,029 65	7 80	129
285	Berkley . . . . .	2,390 55	17 07	347	3,234 47	23 10	56
286	Becket . . . . .	2,295 94	18 97	342	5,091 65	42 08	22
287	Tyngsborough . . .	7,495 21	57 66	48	3,107 07	23 90	55
288	Gill . . . . .	3,870 18	26 33	315	2,682 73	18 25	74
289	Southampton . . . .	3,022 50	29 34	302	1,173 71	11 40	97
290	Berlin . . . . .	3,882 62	25 21	321	2,583 14	16 77	77
291	Royalston . . . . .	3,964 03	28 72	305	2,949 90	21 38	64
292	Granby . . . . .	5,180 41	49 81	89	2,028 48	19 50	71
293	Enfield . . . . .	2,801 59	19 87	338	4,132 02	29 31	39
294	Granville . . . . .	2,702 18	27 02	311	2,739 73	27 40	45
295	Boylston . . . . .	6,057 11	40 93	183	3,527 95	22 01	60
296	Leverett . . . . .	2,161 12	16 62	348	2,171 78	16 71	78
297	Burlington . . . . .	5,322 79	43 99	148	1,977 99	16 35	81
298	Boxford . . . . .	3,516 86	43 41	154	1,745 98	21 56	63
299	Dana . . . . .	2,913 45	38 85	205	2,480 37	33 07	30
300	Hampden . . . . .	1,781 06	17 46	346	6,065 28	59 46	5
301	Truro . . . . .	2,582 06	26 90	312	2,410 99	25 11	51
302	Cummington . . . .	2,056 79	25 71	319	2,358 53	29 48	37
303	Halifax . . . . .	3,418 40	34 88	252	2,152 50	21 96	61
304	Blandford . . . . .	3,332 62	39 21	202	2,242 03	26 38	47
305	Worthington . . . .	1,973 02	35 23	246	2,493 65	44 53	19
306	Egremont . . . . .	2,160 01	35 41	245	1,285 09	21 07	66
307	Plympton . . . . .	2,476 58	32 59	277	2,502 26	32 92	31
308	Richmond . . . . .	3,566 65	46 93	107	2,239 10	29 46	38
309	Sandisfield . . . . .	2,198 92	23 15	330	1,579 54	16 63	79
310	Chesterfield . . . .	2,385 22	32 23	281	2,391 60	32 32	34
311	Eastham . . . . .	2,787 02	38 71	207	4,193 64	58 25	6
312	Oakham . . . . .	2,080 00	28 11	307	3,183 84	43 02	20
313	Savoy . . . . .	1,441 33	14 56	353	1,114 55	11 26	99
314	Hancock . . . . .	1,433 45	22 05	334	1,653 62	25 44	50
315	Pelham . . . . .	2,622 47	35 44	243	2,414 57	32 63	33
316	Carlisle . . . . .	4,175 38	55 67	59	3,196 63	42 62	21
317	Warwick . . . . .	2,768 18	67 52	24	2,157 04	52 61	10
318	Paxton . . . . .	1,245 48	19 76	340	2,848 49	45 21	18

## SCHOOL RETURNS

clxvii

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

EVENING, VACATION — CLASSIFIED AS TO SOURCE, Dec. 31, 1918					INCOME FROM MASSACHUSETTS SCHOOL FUND	
From tuition and trans- portation of State wards	Amount from other sources	FROM ALL SOURCES			Paid to town Jan. 25, 1918	Balance unexpended, Dec. 31, 1918
		Amount	Per pupil in av- erage mem- bership	Rank		
49	50	51	52	53	54	55
\$288 75	\$138 95	\$8,875 39	\$53 15	149	\$1,254 64	-
-	242 17	10,330 42	43 59	254	865 98	-
-	-	8,523 28	54 64	139	722 79	\$1 01
52 50	54 75	7,182 77	31 37	350	1,015 99	-
-	20 00	5,366 46	39 46	300	1,529 64	3 64
321 75	517 12	10,734 53	70 16	58	722 79	-
-	28 00	8,368 84	82 86	25	722 79	1,401 72
-	-	12,399 34	69 66	61	790 99	-
-	-	7,772 23	49 50	182	1,015 98	-
-	48 00	10,115 25	54 68	137	1,254 64	-
-	69 85	11,842 13	89 71	18	1,029 65	-
99 00	114 75	5,838 77	41 70	276	1,015 98	-
179 25	-	7,566 84	62 54	98	1,015 98	1,915 75
266 00	196 50	11,064 78	85 11	20	1,254 65	-
-	195 00	6,747 91	45 90	221	1,015 98	-
-	-	4,196 21	40 74	285	777 33	293 33
100 50	60 60	6,626 86	43 03	260	1,015 98	-
394 50	477 24	7,785 67	56 42	129	1,015 99	50 35
322 33	3 00	7,534 22	72 44	46	1,015 98	-
984 00	156 50	8,074 11	57 26	125	1,015 98	-
20 25	168 00	5,630 16	56 30	130	1,015 98	-
-	11 00	9,596 06	64 84	83	1,254 64	-
18 00	60 50	4,411 40	33 93	340	1,290 98	-
-	64 50	7,365 28	60 87	102	722 78	-
96 75	312 37	5,671 96	70 02	60	1,015 98	-
30 00	75 47	5,499 29	73 32	44	1,290 98	-
400 50	154 00	8,400 84	82 36	27	1,215 98	-
-	247 50	5,240 55	54 59	141	1,015 99	-
353 25	53 89	4,822 46	60 28	106	1,147 78	25 00
148 20	80 25	5,799 35	59 17	114	1,254 64	248 90
-	160 00	5,734 65	67 47	65	872 78	-
60 75	291 55	4,818 97	86 05	19	1,529 65	-
18 75	-	3,463 85	56 78	127	872 78	-
62 25	1 00	5,042 09	66 34	73	575 00	-
-	123 00	5,928 75	78 01	35	1,015 99	507 50
-	12 98	3,791 44	39 91	294	1,147 79	-
74 25	-	4,851 07	65 56	77	1,529 64	-
-	193 39	7,174 05	99 64	11	1,454 64	-
119 25	-	5,383 09	72 74	45	1,147 79	-
311 25	639 54	3,506 67	35 42	331	575 00	83 20
-	10 00	3,097 07	47 65	202	1,215 98	26 27
279 00	135 14	5,451 18	73 66	42	1,072 79	-
126 00	22 75	7,520 76	100 28	10	1,015 98	50 78
-	22 75	4,947 97	120 68	3	1,147 79	-
-	-	4,093 97	64 98	80	1,290 99	-

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	VALUATION OF 1918 PER PUPIL IN NET AVERAGE MEMBERSHIP, YEAR ENDING JUNE 30, 1919		EXPENDITURE FOR SCHOOL SUPPORT FROM LOCAL TAXATION, YEAR ENDING DEC. 31, 1918, PER \$1,000 VALUATION		RATE OF TOTAL TAX PER \$1,000 VALUATION, 1918	
		Amount	Rank	Amount	Rank	Amount	Rank
		56	57	58	59	60	61
274	Hinsdale . . .	\$4,152	297	\$6 13	204	\$17 70	223
275	Erving . . .	5,156	238	6 18	199	10 00	338
276	Rochester . . .	6,464	154	5 88	223	12 00	326
277	Whately . . .	3,478	337	6 39	180	23 50	47
278	Clarksburg . . .	2,807	352	6 37	182	20 00	145
279	Lynnfield . . .	10,109	47	5 32	260	18 00	213
280	Harvard . . .	19,095	6	4 17	321	12 60	312
281	Russell . . .	10,695	40	5 23	266	12 00	327
282	Lanesborough . . .	4,867	258	5 21	268	19 00	179
283	Hubbardston . . .	4,037	305	8 11	84	22 40	73
284	Wenham . . .	12,791	23	4 83	292	7 80	350
285	Berkley . . .	3,980	310	3 90	325	20 00	143
286	Becket . . .	6,727	144	3 10	342	18 50	193
287	Tyngsborough . . .	6,458	157	8 12	83	20 25	138
288	Gill . . .	3,936	313	5 89	221	17 30	234
289	Southampton . . .	5,932	187	4 67	298	18 00	216
290	Berlin . . .	3,915	315	5 90	218	16 50	253
291	Royalston . . .	6,168	172	4 43	308	13 50	301
292	Granby . . .	7,681	99	6 30	190	20 75	128
293	Enfield . . .	5,572	212	6 78	157	17 00	238
294	Granville . . .	5,806	194	4 85	289	22 00	83
295	Boylston . . .	3,528	335	9 92	16	12 00	320
296	Leverett . . .	3,197	346	4 79	293	16 50	255
297	Burlington . . .	7,478	109	4 78	294	16 50	254
298	Boxford . . .	9,505	54	3 97	324	18 20	203
299	Dana . . .	5,395	219	6 00	213	18 50	194
300	Hampden . . .	4,264	291	3 73	329	15 00	283
301	Truro . . .	5,207	237	4 63	301	16 00	269
302	Cummington . . .	5,380	222	5 31	261	20 00	146
303	Halifax . . .	7,288	115	4 38	311	13 20	304
304	Blandford . . .	7,548	103	4 20	318	18 80	185
305	Worthington . . .	7,929	92	4 52	306	19 60	167
306	Egremont . . .	8,665	71	3 36	337	10 50	335
307	Plympton . . .	5,780	198	5 04	276	16 75	248
308	Richmond . . .	5,923	188	6 41	178	23 00	58
309	Sandisfield . . .	4,970	252	4 38	312	21 00	119
310	Chesterfield . . .	5,325	225	5 89	220	19 00	176
311	Eastham . . .	5,042	244	6 28	192	13 00	305
312	Oakham . . .	4,996	249	4 58	302	19 00	182
313	Savoy . . .	2,225	354	6 68	162	42 00	1
314	Hancock . . .	5,587	210	3 83	327	13 40	302
315	Pelham . . .	5,720	201	4 98	280	12 00	324
316	Carlisle . . .	5,786	195	8 29	71	20 50	130
317	Warwick . . .	8,744	68	6 09	209	20 00	159
318	Paxton . . .	5,282	230	2 91	346	18 60	191

<sup>1</sup> For tuition.

## clxix

[illegible]

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	YEAR GRADES IN —			PUBLIC DAY ELEMENTARY SCHOOLS				
		Elementary school	Jun. or high school, if any	Senior high school	PRINCIPALS		TEACHERS		
							FULL TIME		Part time
					Men	Women	Men	Women	
		71	72	73	74	75	76	77	78
274	Hinsdale . . . .	8	—	—	—	—	—	9	—
275	Erving . . . . .	9	—	—	—	—	—	8	—
276	Rochester . . . .	9	—	—	—	—	—	8	—
277	Whately . . . . .	8	—	—	—	—	—	7	—
278	Clarksburg . . . .	8	—	—	—	—	—	6	—
279	Lynnfield . . . . .	8	—	—	—	—	—	7	—
280	Harvard . . . . .	8	—	—	—	—	—	4	—
281	Russell . . . . .	8	—	—	—	—	—	9	2
282	Lanesborough . . .	8	—	—	—	—	—	7	—
283	Hubbardston . . . .	8	—	—	—	—	—	7	—
284	Wenham . . . . .	6	3	—	—	—	—	6	3
285	Berkley . . . . .	9	—	—	—	—	—	5	—
286	Becket . . . . .	8	—	—	—	—	—	6	2
287	Tyngsborough . . .	8	—	—	—	—	—	4	—
288	Gill . . . . .	8	—	—	—	—	—	6	—
289	Southampton . . . .	9	—	—	—	—	—	7	—
290	Berlin . . . . .	9	—	—	—	—	—	5	—
291	Royalston . . . . .	8	—	—	—	—	—	7	—
292	Granby . . . . .	8	—	—	—	—	—	4	1
293	Enfield . . . . .	9	—	—	—	—	1	4	—
294	Granville . . . . .	9	—	—	—	—	—	8	—
295	Boylston . . . . .	8	—	—	—	—	—	4	—
296	Leverett . . . . .	9	—	—	—	—	—	5	—
297	Burlington . . . . .	8	—	—	—	—	—	4	1
298	Boxford . . . . .	8	—	—	—	—	—	5	—
299	Dana . . . . .	8	—	—	—	—	—	5	—
300	Hampden . . . . .	8	—	—	—	—	—	5	—
301	Truro . . . . .	8	—	—	—	—	1	3	—
302	Cummington . . . .	8	—	—	—	—	1	4	—
303	Halifax . . . . .	8	—	—	—	—	—	3	—
304	Blandford . . . . .	8	—	—	—	—	—	6	2
305	Worthington . . . .	8	—	—	—	—	—	5	1
306	Egremont . . . . .	8	—	—	—	—	—	3	—
307	Plympton . . . . .	8	—	—	—	—	—	3	—
308	Richmond . . . . .	8	—	—	—	—	—	6	—
309	Sandisfield . . . . .	9	—	—	—	—	—	7	—
310	Chesterfield . . . .	8	—	—	—	—	—	5	1
311	Eastham . . . . .	8	—	—	—	—	1	2	—
312	Oakham . . . . .	9	—	—	—	—	—	4	—
313	Savoy . . . . .	8	—	—	—	—	—	6	—
314	Hancock . . . . .	8	—	—	—	—	—	5	—
315	Pelham . . . . .	7	—	—	—	—	—	4	—
316	Carlisle . . . . .	8	—	—	—	—	—	3	—
317	Warwick . . . . .	8	—	—	—	—	—	3	—
318	Paxton . . . . .	8	—	—	—	—	—	3	—

1 Includes 5 pupils taking high school work.

## SCHOOL RETURNS

clxxi

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

(INCLUDING FIRST TWO YEARS OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

PUPILS ENROLLED		Aggregate days' attendance	Average number of days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of principals, supervisors and teachers	Expenditure for textbooks
Boys	Girls				Amount	Per pupil in average membership of elementary schools		
79	80	81	82	83	84	85	86	87
113	87	26,680	176	167	\$7,317 33	\$43 82	\$5,406 00	\$178 94
125	118	40,064	182	237	9,285 11	39 18	4,851 59	36 56
75	89	23,663	155	156	6,519 35	41 79	4,063 24	93 48
114	116	28,595	163	229	6,630 85	28 96	3,601 05	134 20
80	66	20,664	174	136	4,567 77	33 59	3,075 50	62 66
82	95	23,746	166	153	8,089 16	52 87	5,039 95	88 29
63	53	15,502	181	101	8,959 67	88 71	2,892 50	115 10
89	99	28,160	176	178	11,357 42	63 81	6,121 90	278 95
96	91	23,308	169	157	5,829 93	37 13	4,063 80	84 47
115	82	27,651	167	185	7,505 24	40 57	3,797 50	120 24
83	60	18,811	166	132	8,650 46	65 53	5,081 22	95 03
93	67	20,754	167	140	4,817 64	34 41	3,034 90	221 21
101	58	17,380	164	121	6,117 31	50 56	4,383 21	88 85
80	62	18,465	168	130	8,854 68	68 11	2,961 30	100 85
77	80	23,548	172	147	5,404 09	36 76	3,315 00	60 71
55	76	15,696	169	103	4,460 03	43 30	3,653 40	89 57
88	73	19,072	163	154	5,787 71	37 58	4,153 70	83 00
79	69	20,387	170	138	6,396 47	46 35	3,254 60	54 55
70	45	15,172	161	104	6,319 71	60 77	2,847 05	96 48
89	77	22,716	173	141	4,992 61	35 41	2,814 00	75 00
57	45	14,978	167	100	4,534 28	45 34	3,731 20	96 89
93	70	22,535	169	148	7,630 56	51 56	2,986 00	107 26
81	58	20,177	175	130	3,651 76	28 09	2,258 10	6 72
73	60	17,341	158	121	6,127 96	50 64	3,511 25	57 03
54	56	13,325	165	81	4,691 69	57 92	3,275 04	62 12
40	38	11,880	167	75	4,576 49	61 02	2,549 11	67 67
69	41	14,436	155	102	4,152 68	40 71	2,671 50	106 31
58	42	16,350	183	96	3,352 79	34 92	2,172 50	60 00
36	52	12,318	163	80	3,852 38	48 15	2,249 20	18 03
50	49	16,072	171	98	4,726 68	48 23	1,885 50	87 45
47	48	12,734	168	85	5,276 53	62 08	3,272 50	—
32	28	8,671	164	56	4,019 61	71 78	2,737 00	47 73
38	40	9,152	163	61	2,245 51	36 81	1,625 00	72 96
41	39	10,467	174	76	2,438 49	32 09	1,649 00	74 67
44	42	11,303	163	76	4,414 81	58 09	3,718 55	62 94
53	70	13,609	168	95	3,693 57	38 88	2,920 20	84 38
53 <sup>1</sup>	30 <sup>1</sup>	11,869 <sup>1</sup>	169	74 <sup>1</sup>	4,183 35 <sup>1</sup>	56 53	2,449 80 <sup>1</sup>	62 75
40	44	10,219	155	72	4,306 32	59 81	2,149 18	50 68
33	42	11,819	164	74	3,363 79	45 46	2,025 26	52 44
54	50	13,010	154	99	2,992 88	30 23	2,402 20	63 59
49	32	9,652	172	65	2,786 04	42 86	2,316 00	91 58
42	36	11,802	176	74	4,677 00	63 20	2,425 50	250 00
47	30	11,285	162	75	4,559 89	60 80	1,482 50	56 17
20	20	6,484	176	41	3,787 30	92 37	1,416 01	—
36	39	9,300	169	63	2,994 00	47 52	1,671 20	28 70

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	Resident pupils for whom the town pays tuition in public high schools of other towns or cities.	HIGH SCHOOL	
			EXPENDITURE FOR TUITION AND HIGH SCHOOLS IN OTHER	
			For tuition	For transportation
		103	104	105
274	Hinsdale . . . . .	32	\$1,311 00	\$875 00
275	Erving . . . . .	17	1,088 17	502 93
276	Rochester . . . . .	13	1,411 00	607 20
277	Whately . . . . .	8	625 00	129 18
278	Clarksburg . . . . .	13	655 09	-
279	Lynnfield . . . . .	21	1,187 06	838 96
280	Harvard . . . . .	1	-	-
281	Russell . . . . .	18	1,005 00	458 00
282	Lanesborough . . . . .	29	1,350 00	442 70
283	Hubbardston . . . . .	17	1,059 50	1,825 00
284	Wenham . . . . .	42	2,479 70	720 00
285	Berkley . . . . .	21	965 00	390 72
286	Becket . . . . .	12	747 40	652 17
287	Tyngsborough . . . . .	19	828 58	459 50
288	Gill . . . . .	20	1,298 50	501 00
289	Southampton, . . . . .	12	809 64	133 30
290	Berlin . . . . .	17	855 62	254 49
291	Royalston . . . . .	22	1,188 83	764 74
292	Granby . . . . .	11	840 38	668 90
293	Enfield . . . . .	22	1,076 25	1,022 08
294	Granville . . . . .	7	665 50	528 75
295	Boylston . . . . .	25	2,422 50	452 25
296	Leverett . . . . .	14	311 25 <sup>2</sup>	234 50 <sup>2</sup>
297	Burlington . . . . .	34	1,543 75	295 51
298	Boxford . . . . .	14 <sup>3</sup>	890 00	85 25
299	Dana . . . . .	18	620 00	661 68
300	Hampden . . . . .	30	3,002 00	1,314 78
301	Truro . . . . .	20	820 00	1,230 00
302	Cummington . . . . .	8	413 00 <sup>2</sup>	197 00 <sup>2</sup>
303	Halifax . . . . .	15	599 00	669 40
304	Blandford . . . . .	10	769 50	562 50
305	Worthington . . . . .	6	490 00	252 00
306	Egremont . . . . .	13	492 75	272 70
307	Plympton . . . . .	14	1,057 51	1,454 17
308	Richmond . . . . .	22	1,178 00	495 33
309	Sandisfield . . . . .	3	50 00	36 24
310	Chesterfield . . . . .	3	263 00	198 00
311	Eastham . . . . .	27	1,600 00 <sup>2</sup>	988 00 <sup>2</sup>
312	Oakham . . . . .	17	849 00	813 34
313	Savoy . . . . .	3	65 00	24 00
314	Hancock . . . . .	1	-	55 50
315	Pelham . . . . .	20	1,212 58	405 72
316	Carlisle . . . . .	18	1,616 00	1,330 60
317	Warwick . . . . .	11	371 88	564 00
318	Paxton . . . . .	16	1,040 00	440 00

<sup>1</sup> Pupils attend local academy. <sup>2</sup> Does not include certain bills paid after close of school year.



## SCHOOL RETURNS

clxxiii

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

EDUCATION FOR YEAR ENDING JUNE 30, 1919

TRANSPORTATION TO PUBLIC TOWNS OR CITIES		Reimbursement payable by the State, fall, 1919	NET COST TO TOWN FOR HIGH SCHOOL EDUCATION	
Total	Average amount per pupil		Amount	Average amount per pupil
106	107	108	109	110
\$2,186 00	\$68 31	\$1,895 96	\$290 04	\$9 06
1,591 10	93 59	759 64	831 46	48 91
2,018 20	155 25	786 77	1,231 43	94 73
754 18	94 27	532 72	221 46	27 68
655 09	50 39	540 56	114 53	8 81
2,026 02	96 48	600 76	1,425 26	67 87
-	-	-	-	-
1,463 00	81 28	353 23	1,109 77	61 65
1,792 70	61 82	1,460 55	332 15	11 45
2,884 50	169 68	1,632 65	1,251 85	73 64
3,199 70	76 18	-	3,199 70	76 18
1,355 72	64 56	974 24	381 48	18 17
1,399 57	116 63	1,175 89	223 68	18 64
1,288 08	67 79	966 11	321 97	16 95
1,799 50	89 98	1,361 81	437 69	21 88
942 94	78 58	505 92	437 02	36 42
1,110 11	65 30	741 77	368 34	21 67
1,953 57	88 80	1,403 44	550 13	25 01
1,509 28	137 21	1,299 19	210 09	19 10
2,098 33	95 38	1,595 64	502 69	22 85
1,194 25	170 61	857 13	337 12	48 16
2,874 75	114 99	2,329 03	545 72	21 83
545 75 <sup>2</sup>	38 98 <sup>2</sup>	1,287 81	-	-
1,839 26	54 10	993 51	845 75	24 88
975 25	69 66	649 50	325 75	7 44
1,281 68	71 20	1,165 01	116 67	6 48
4,316 78	143 89	4,316 78	-	-
2,050 00	102 50	1,230 00	820 00	41 00
610 00 <sup>2</sup>	76 25	701 75	-	-
1,268 40	84 56	836 45	431 95	28 80
1,332 00	133 20	999 01	332 99	33 30
742 00	123 67	625 50	116 50	19 42
765 45	58 88	369 56	395 89	30 45
2,511 68	179 41	1,057 51	1,454 17	103 87
1,673 33	76 06	1,255 00	418 33	19 02
86 24	28 75	84 41	1 83	61
461 00	153 67	406 50	54 50	18 17
2,588 00 <sup>2</sup>	95 85	2,691 00	-	-
1,662 34	97 78	1,444 63	217 71	12 81
89 00	29 67	87 50	1 50	50
55 50	55 50	27 75	27 75	27 75
1,618 30	80 92	1,213 13	405 17	20 26
2,946 60	163 70	1,212 00	1,734 60	96 37
935 88	85 08	693 63	242 25	22 02
1,480 00	92 50	880 00	600 00	37 50

<sup>2</sup> Not including pupils attending Barker Free School.

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	EMPLOYMENT CERTIFICATES AND HOME PERMITS					
		EMPLOYMENT CERTIFICATES ISSUED			DIFFERENT		
		To boys	To girls	Total	EMPLOYMENT CERTIFICATES		
					Boys	Girls	Total
		111	112	113	114	115	116
274	Hinsdale . . . .	-	2	2	-	2	2
275	Erving . . . . .	12	10	22	5	6	11
276	Rochester . . . .	2	1	3	2	1	3
277	Whately . . . . .	3	1	4	3	1	4
278	Clarksburg . . . .	1	1	2	1	1	2
279	Lynnfield . . . .	4	-	4	3	-	3
280	Harvard . . . . .	-	-	-	-	-	-
281	Russell . . . . .	6	4	10	2	2	4
282	Lanesborough . . .	2	-	2	2	-	2
283	Hubbardston . . .	8	4	12	8	4	12
284	Wenham . . . . .	-	1	1	-	1	1
285	Berkley . . . . .	1	1	2	1	1	2
286	Becket . . . . .	1	2	3	1	2	3
287	Tyngsborough . . .	-	1	1	-	1	1
288	Gill . . . . .	3	1	4	3	1	4
289	Southampton . . .	3	2	5	2	2	4
290	Berlin . . . . .	2	2	4	2	2	4
291	Royalston . . . . .	6	6	12	6	6	12
292	Granby . . . . .	-	-	-	-	-	-
293	Enfield . . . . .	5	1	6	5	1	6
294	Granville . . . . .	1	-	1	1	-	1
295	Boylston . . . . .	13	8	21	13	8	21
296	Leverett . . . . .	-	1	1	-	-	-
297	Burlington . . . .	2	-	2	1	-	1
298	Boxford . . . . .	2	-	2	2	-	2
299	Dana . . . . .	1	-	1	1	-	1
300	Hampden . . . . .	2	-	2	1	-	1
301	Truro . . . . .	1	1	2	1	1	2
302	Cummington . . . .	-	-	-	-	-	-
303	Halifax . . . . .	4	2	6	4	2	6
304	Blandford . . . . .	-	-	-	-	-	-
305	Worthington . . . .	-	-	-	-	-	-
306	Egremont . . . . .	-	-	-	-	-	-
307	Plympton . . . . .	1	-	1	-	-	-
308	Richmond . . . . .	-	-	-	-	-	-
309	Sandisfield . . . .	-	-	-	-	-	-
310	Chesterfield . . . .	-	-	-	-	-	-
311	Eastham . . . . .	-	-	-	-	-	-
312	Oakham . . . . .	1	-	1	1	-	1
313	Savoy . . . . .	1	-	1	1	-	1
314	Hancock . . . . .	2	1	3	2	1	3
315	Pelham . . . . .	-	1	1	1	-	1
316	Carlisle . . . . .	-	-	-	-	-	-
317	Warwick . . . . .	-	-	-	-	-	-
318	Paxton . . . . .	1	2	3	1	1	2

## clxxv

ISSUED TO PERSONS 14 TO 16 YEARS OF AGE, YEAR ENDING JUNE 30, 1919

[illegible]

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	MEMBERSHIP IN PUBLIC DAY							
		Kindergarten	ELEMENTARY						
			Special classes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
		126	127	128	129	130	131	132	133
274	Hinsdale . . .	-	-	16	22	23	22	25	19
275	Erving . . .	-	-	34	37	19	41	32	25
276	Rochester . . .	-	-	31	38	19	22	27	17
277	Whately . . .	-	-	48	48	39	27	25	18
278	Clarksburg . . .	-	-	18	17	16	30	13	17
279	Lynnfield . . .	-	-	22	25	23	21	18	14
280	Harvard . . .	-	-	21	16	16	19	12	11
281	Russell . . .	-	-	25	32	25	24	25	26
282	Lanesborough . . .	-	-	30	23	17	13	20	16
283	Hubbardston . . .	-	-	24	30	22	27	24	21
284	Wenham . . .	-	-	15	14	13	14	16	16
285	Berkley . . .	-	-	26	22	29	21	16	15
286	Becket . . .	-	-	22	19	26	23	27	20
287	Tyngsborough . . .	-	-	24	23	16	16	17	15
288	Gill . . .	-	-	25	21	17	17	21	20
289	Southampton . . .	-	-	13	9	18	14	13	10
290	Berlin . . .	-	-	20	19	9	22	17	16
291	Royalston . . .	-	-	22	18	19	14	16	14
292	Granby . . .	-	-	14	11	14	17	15	13
293	Enfield . . .	-	-	20	13	20	17	19	17
294	Granville . . .	-	-	18	6	15	15	16	6
295	Boylston . . .	-	-	27	18	16	20	14	20
296	Leverett . . .	-	-	26	19	12	21	19	14
297	Burlington . . .	-	-	24	18	17	15	9	19
298	Boxford . . .	-	-	10	11	15	14	28	13
299	Dana . . .	-	-	8	16	6	6	11	12
300	Hampden . . .	-	-	20	14	8	7	18	22
301	Truro . . .	-	-	15	12	11	15	15	12
302	Cummington . . .	-	-	8	12	16	7	14	14
303	Halifax . . .	-	-	20	23	15	10	11	8
304	Blandford . . .	-	-	12	12	5	16	17	6
305	Worthington . . .	-	1	12	9	2	4	6	8
306	Egremont . . .	-	-	9	10	9	10	7	5
307	Plympton . . .	-	-	15	11	8	7	11	4
308	Richmond . . .	-	-	11	5	18	10	7	3
309	Sandisfield . . .	-	-	14	13	20	15	4	13
310	Chesterfield . . .	-	6	14	6	6	14	7	16
311	Eastham . . .	-	-	7	7	11	8	9	7
312	Oakham . . .	-	-	10	8	13	4	5	20
313	Savoy . . .	-	-	17	17	16	16	10	4
314	Hancock . . .	-	-	11	5	11	14	10	3
315	Pelham . . .	-	-	12	9	11	11	10	14
316	Carlisle . . .	-	-	13	14	7	8	11	9
317	Warwick . . .	-	-	5	7	5	4	9	8
318	Paxton . . .	-	-	8	12	14	9	8	9

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

SCHOOLS, BY GRADES, APRIL 1, 1919

SCHOOL				HIGH SCHOOL							Grand total
Grade 7, or first year Junior High	Grade 8, or Junior 2	Grade 9, if in elementary school	Total	First year, or Junior 3	Second year	Third year	Fourth year	Fifth year, if any	Post-graduates	Total	
134	135	136	137	138	139	140	141	142	143	144	145
21	21	-	169	-	-	-	-	-	-	-	169
24	21	7	240	-	-	-	-	-	-	-	240
12	10	7	183	-	-	-	-	-	-	-	183
15	20	-	240	-	-	-	-	-	-	-	240
10	8	-	129	-	-	-	-	-	-	-	129
22	14	-	159	-	-	-	-	-	-	-	159
13	8	-	116	-	-	-	-	-	-	-	116
19	10	-	186	-	-	-	-	-	-	-	186
14	19	-	152	-	-	-	-	-	-	-	152
17	13	-	178	-	-	-	-	-	-	-	178
12	18	13	131	-	-	-	-	-	-	-	131
16	12	3	160	-	-	-	-	-	-	-	160
12	10	-	159	-	-	-	-	-	-	-	159
12	10	-	133	-	-	-	-	-	-	-	133
23	11	-	155	-	-	-	-	-	-	-	155
15	3	6	101	-	-	-	-	-	-	-	101
21	14	7	145	-	-	-	-	-	-	-	145
15	12	-	130	-	-	-	-	-	-	-	130
15	9	-	108	-	-	-	-	-	-	-	108
18	21	16	161	-	-	-	-	-	-	-	161
9	11	8	104	-	-	-	-	-	-	-	104
20	12	-	147	-	-	-	-	-	-	-	147
11	1	10	133	-	-	-	-	-	-	-	133
19	12	-	133	-	-	-	-	-	-	-	133
10	9	-	110	-	-	-	-	-	-	-	110
13	6	-	78	-	-	-	-	-	-	-	78
15	6	-	110	-	-	-	-	-	-	-	110
13	7	-	100	-	-	-	-	-	-	-	100
8	6	-	85	-	-	-	-	-	-	-	85
6	6	-	99	-	-	-	-	-	-	-	99
8	4	-	80	-	-	-	-	-	-	-	80
7	11	-	60	-	-	-	-	-	-	-	60
9	5	-	64	-	-	-	-	-	-	-	64
15	5	-	76	-	-	-	-	-	-	-	76
13	7	-	74	-	-	-	-	-	-	-	74
5	4	6	94	-	-	-	-	-	-	-	94
4	11	-	84	3	2	-	-	-	-	5	89
15	9	-	73	-	-	-	-	-	-	-	73
12	5	3	80	-	-	-	-	-	-	-	80
10	10	-	100	-	-	-	-	-	-	-	100
5	3	-	62	-	-	-	-	-	-	-	62
10	-	1	78	-	-	-	-	-	-	-	78
7	4	-	73	-	-	-	-	-	-	-	73
3	3	-	44	-	-	-	-	-	-	-	44
7	8	-	75	-	-	-	-	-	-	-	75

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS		PRINCIPALS AND FULL-TIME						
		ELEMENTARY SCHOOL						Total
		Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	
		146	147	148	149	150	151	152
274	Hinsdale . . . .	-	-	5	-	4	-	9
275	Erving . . . .	-	-	6	-	2	-	8
276	Rochester . . . .	-	-	7	-	1	-	8
277	Whately . . . .	-	-	3	-	4	-	7
278	Clarksburg . . . .	-	-	6	-	-	-	6
279	Lynnfield . . . .	-	-	7	-	-	-	7
280	Harvard . . . .	-	-	4	-	-	-	4
281	Russell . . . .	-	-	5	-	3	1	9
282	Lanesborough . . . .	-	-	5	-	2	-	7
283	Hubbardston . . . .	-	-	6	-	1	-	7
284	Wenham . . . .	-	1	3	1	1	-	6
285	Berkley . . . .	-	-	2	-	3	-	5
286	Becket . . . .	-	-	5	-	1	-	6
287	Tyngsborough . . . .	-	-	4	-	-	-	4
288	Gill . . . .	-	1	4	-	1	-	6
289	Southampton . . . .	-	-	5	-	2	-	7
290	Berlin . . . .	-	-	2	-	3	-	5
291	Royalston . . . .	-	-	3	-	4	-	7
292	Granby . . . .	-	-	2	-	2	-	4
293	Enfield . . . .	-	1	-	-	4	-	5
294	Granville . . . .	-	-	6	-	2	-	8
295	Boylston . . . .	-	-	3	-	1	-	4
296	Leverett . . . .	-	-	2	-	3	-	5
297	Burlington . . . .	-	-	3	-	1	-	4
298	Boxford . . . .	-	-	5	-	-	-	5
299	Dana . . . .	-	-	1	-	4	-	5
300	Hampden . . . .	-	-	1	-	3	1	5
301	Truro . . . .	-	1	3	-	-	-	4
302	Cummington . . . .	-	-	-	-	5	-	5
303	Halifax . . . .	-	-	2	1	-	-	3
304	Blandford . . . .	-	-	1	1	2	-	6
305	Worthington . . . .	-	-	2	-	1	2	5
306	Egremont . . . .	-	-	3	-	-	-	3
307	Plympton . . . .	-	-	2	-	1	-	3
308	Richmond . . . .	-	-	4	-	2	-	6
309	Sandisfield . . . .	-	-	3	-	3	1	7
310	Chesterfield . . . .	-	-	-	-	5	-	5
311	Eastham . . . .	-	-	3	-	-	-	3
312	Oakham . . . .	-	-	1	-	3	-	4
313	Savoy . . . .	-	-	1	-	5	-	6
314	Hancock . . . .	-	-	2	-	3	-	5
315	Pelham . . . .	-	-	3	-	1	-	4
316	Carlisle . . . .	-	-	-	-	3	-	3
317	Warwick . . . .	-	-	2	-	1	-	3
318	Paxton . . . .	-	-	3	-	-	-	3

# SCHOOL RETURNS

clxxxix

## AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

TEACHERS, CLASSIFIED ACCORDING TO TRAINING, JAN. 1, 1919

HIGH SCHOOL							Grand total
Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total	
153	154	155	156	157	158	159	160
-	-	-	-	-	-	-	9
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	9
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	3

## DEPARTMENT OF EDUCATION

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	SCHOOL BUILDINGS IN USE, JAN. 1, 1919				ESTIMATED VALUE	
		One-room buildings	Two-room buildings	Buildings of three or more rooms	Total	ELEMENTARY	
						Sites	Buildings
		161	162	163	164	165	166
274	Hinsdale . . . .	5	—	1	6	\$425	\$7,300
275	Erving . . . . .	—	1	2	3	1,000	35,000
276	Rochester . . . .	2	3	—	5	325	9,500
277	Whately . . . . .	1	1	1	3	1,200	25,000
278	Clarksburg . . . .	2	2	—	4	3,000	6,000
279	Lynnfield . . . .	—	1	1	2	2,500	15,000
280	Harvard . . . . .	—	—	1	1	5,000	15,000
281	Russell . . . . .	1	1	2	4	2,000	30,000
282	Laneshorrough . .	3	2	—	5	2,000	12,800
283	Hubbardston . . .	3	—	1	4	2,000	9,750
284	Wenham . . . . .	2	—	1	3	2,500	18,000
285	Berkley . . . . .	5	—	—	5	1,800	11,000
286	Becket . . . . .	3	2	—	5	3,000	5,500
287	Tyngsborough . . .	—	—	1	1	2,000	1,000
288	Gill . . . . .	2	2	—	4	500	6,000
289	Southampton . . .	7	—	—	7	500	4,000
290	Berlin . . . . .	4	1	—	5	1,000	7,500
291	Royalston . . . .	3	2	—	5	300	10,000
292	Granby . . . . .	2	—	1	3	2,000	15,000
293	Enfield . . . . .	1	2	—	3	1,500	8,000
294	Granville . . . .	6	1	—	7	1,800	3,500
295	Boylston . . . . .	—	—	1	1	1,200	12,000
296	Leverett . . . . .	5	—	—	5	300	5,000
297	Burlington . . . .	—	—	1	1	500	9,000
298	Boxford . . . . .	3	1	—	4	350	6,525
299	Dana . . . . .	—	1	1	2	600	7,000
300	Hampden . . . . .	1	2	—	3	400	11,522
301	Truro . . . . .	—	2	—	2	500	4,400
302	Cummington . . . .	2	2	—	4	1,000	6,500
303	Halifax . . . . .	—	—	1	1	600	5,000
304	Blandford . . . .	4	1	—	5	500	6,000
305	Worthington . . . .	4	—	—	4	700	5,000
306	Egremont . . . . .	3	—	—	3	500	5,000
307	Plympton . . . . .	3	—	—	3	—	4,150
308	Richmond . . . . .	6	—	—	6	600	3,500
309	Sandisfield . . . .	7	—	—	7	2,250	4,075
310	Chesterfield . . . .	6	1	—	7	50	2,500
311	Eastham . . . . .	—	—	1	1	100	4,000
312	Oakham . . . . .	2	1	—	3	2,000	8,000
313	Savoy . . . . .	6	—	—	6	100	2,500
314	Hancock . . . . .	3	1	—	4	100	3,000
315	Pelham . . . . .	4	—	—	4	925	2,175
316	Carlisle . . . . .	—	—	1	1	200	10,000
317	Warwick . . . . .	1	—	1	2	200	3,000
318	Paxton . . . . .	—	—	1	1	1,000	15,000



# SCHOOL RETURNS

clxxxix

## AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

OF PUBLIC SCHOOL PROPERTY						
SCHOOLS		HIGH SCHOOLS				Grand total
Equipment (furniture, apparatus, libraries, etc.)	Total	Sites	Buildings	Equipment (furniture, apparatus, libraries, etc.)	Total	
167	168	169	170	171	172	
\$2,500	\$10,225	-	-	-	-	\$10,225
2,100	38,100	-	-	-	-	38,100
1,200	11,025	-	-	-	-	11,025
1,000	27,200	-	-	-	-	27,200
1,000	10,000	-	-	-	-	10,000
1,300	18,800	-	-	-	-	18,800
1,000	21,000	-	-	-	-	21,000
1,200	33,200	-	-	-	-	33,200
2,150	16,950	-	-	-	-	16,950
2,500	14,250	-	-	-	-	14,250
1,200	21,700	-	-	-	-	21,700
700	13,500	-	-	-	-	13,500
2,000	10,500	-	-	-	-	10,500
33,000	36,000	-	-	-	-	36,000
1,000	7,500	-	-	-	-	7,500
500	5,000	-	-	-	-	5,000
1,000	9,500	-	-	-	-	9,500
1,300	11,600	-	-	-	-	11,600
1,033	18,033	-	-	-	-	18,033
1,500	11,000	-	-	-	-	11,000
1,200	6,500	-	-	-	-	6,500
1,800	15,000	-	-	-	-	15,000
1,275	6,575	-	-	-	-	6,575
1,000	10,500	-	-	-	-	10,500
2,000	8,875	-	-	-	-	8,875
600	8,200	-	-	-	-	8,200
2,000	13,922	-	-	-	-	13,922
100	5,000	-	-	-	-	5,000
500	8,000	-	-	-	-	8,000
1,000	6,600	-	-	-	-	6,600
600	7,100	-	-	-	-	7,100
700	6,400	-	-	-	-	6,400
500	6,000	-	-	-	-	6,000
900	5,050	-	-	-	-	5,050
900	5,000	-	-	-	-	5,000
1,000	7,325	-	-	-	-	7,325
650	3,200	-	-	-	-	3,200
1,000	5,100	-	-	-	-	5,100
1,000	11,000	-	-	-	-	11,000
400	3,000	-	-	-	-	3,000
500	3,600	-	-	-	-	3,600
800	3,900	-	-	-	-	3,900
500	10,700	-	-	-	-	10,700
200	3,400	-	-	-	-	3,400
1,000	17,000	-	-	-	-	17,000

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	Population, State Census, 1915	Valuation as of April 1, 1918	TEACHING STAFF IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELE- MENTARY, HIGH — JAN. 1, 1919					
				SUPERVISORS		Principals	TEACHERS		
				Full time	Part time		Full time	Part time	
		1	2	3	4	5	6	7	
319	New Braintree . . .	453	\$472,381	-	-	-	3	-	
320	Otis . . .	442	380,232	-	-	-	5	-	
321	West Tisbury . . .	441	565,215	-	-	-	4	-	
322	Westhampton . . .	430	286,130	-	-	-	4	-	
323	Florida . . .	427	1,058,266	-	-	-	5	-	
324	Hawley . . .	427	263,833	-	1	-	7	1	
325	Greenwich . . .	426	341,622	-	2	-	2	-	
326	Rowe . . .	424	267,579	-	1	-	5	-	
327	Phillipston . . .	390	339,701	-	-	-	4	-	
328	Wendell . . .	388	592,242	-	1	-	3	-	
329	Heath . . .	383	307,186	-	2	-	4	-	
330	Windsor . . .	375	307,657	-	1	-	5	-	
331	Plainfield . . .	375	248,100	-	-	-	4	-	
332	Dunstable . . .	362	403,073	-	-	-	2	-	
333	Monterey . . .	358	461,500	-	-	-	3	-	
334	Leyden . . .	344	270,486	1	-	-	5	-	
335	Wales . . .	337	363,426	-	2	-	2	-	
336	Tyringham . . .	327	374,931	-	-	-	2	-	
337	Boxborough . . .	326	318,581	-	1	-	4	-	
338	Middlefield . . .	325	254,293	-	-	-	5	2	
339	Prescott . . .	299	285,893	-	1	-	4	-	
340	Monroe . . .	296	301,946	-	-	-	3	-	
341	Shutesbury . . .	292	355,583	-	1	-	3	-	
342	Goshen . . .	289	275,264	-	-	-	4	-	
343	Chilmark . . .	288	430,807	-	-	-	2	1	
344	Washington . . .	275	322,909	-	-	-	2	-	
345	Alford . . .	271	214,900	-	1	-	3	-	
346	Mashpee . . .	263	465,440	-	-	-	1	1	
347	Montgomery . . .	230	193,093	-	-	-	2	2	
348	Tolland . . .	199	314,274	-	-	-	1	-	
349	Peru . . .	195	263,635	-	-	-	2	-	
350	Gay Head . . .	175	53,000	-	-	-	1	-	
351	Holland . . .	159	139,025	-	1	-	2	-	
352	Gosnold . . .	155	988,198	-	-	-	1	-	
353	Mount Washington	95	160,928	-	-	-	2	-	
354	New Ashford . . .	92	96,730	-	-	-	1	-	
	Totals . . .	138,105	\$137,012,208	4	118	2	837	35	
	State . . .	3,693,310	\$4,738,976,589	340	375	670	18,140	224	

## SCHOOL RETURNS

clxxxiii

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

PERSONS 5 TO 16 YEARS OF AGE, APRIL 1, 1919									ILLITERATE MINORS, 16 TO 21 YEARS OF AGE	
5 TO 7 YEARS			7 TO 14 YEARS			14 TO 16 YEARS			In registration of minors, April 1, 1919	Receiving employment certificates, year ending Aug. 31, 1918
In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership	In registration of minors	In public school membership	In private school membership		
8	9	10	11	12	13	14	15	16	17	18
20	4	-	55	40	-	16	7	-	-	-
14	6	-	60	54	-	14	9	-	-	-
10	7	-	34	44	-	12	7	-	-	-
5	5	-	50	50	-	10	5	-	-	-
7	8	-	52	58	-	13	4	-	-	-
17	8	-	63	70	-	18	6	-	-	-
4	3	1	78	50	28	4	2	2	-	-
15	11	-	54	51	-	15	3	-	-	-
13	7	-	58	64	-	10	7	-	-	-
4	2	-	53	37	-	9	4	-	1	-
10	7	-	45	45	-	9	1	-	-	-
10	5	-	68	68	-	16	9	-	-	-
9	6	-	53	55	-	6	4	-	-	-
7	7	-	47	47	-	4	4	-	-	-
14	7	-	42	42	-	9	5	-	1	-
8	6	-	62	62	-	15	6	-	-	-
9	3	-	46	47	-	5	6	-	-	-
7	2	-	26	20	-	9	4	-	-	-
6	5	-	45	43	-	12	7	-	-	-
7	7	-	38	44	-	12	3	-	-	-
10	11	-	41	44	-	6	5	-	-	-
7	1	-	18	26	-	8	4	-	-	-
11	3	-	36	32	-	8	5	-	-	-
4	5	-	46	49	-	8	6	-	-	-
1	3	-	20	11	-	7	2	-	-	-
3	1	-	44	33	-	8	3	-	-	-
12	5	-	42	44	-	5	1	-	-	-
14	2	-	16	18	-	4	5	-	1	-
8	5	-	23	20	-	7	1	-	-	-
1	1	-	17	16	-	4	2	-	-	-
4	2	-	23	21	-	3	1	-	-	-
4	-	-	13	13	-	4	3	-	-	-
4	2	-	28	28	-	8	3	-	-	-
1	1	-	7	7	-	1	1	-	-	-
3	3	-	8	8	-	1	1	-	-	-
5	-	-	16	13	-	3	3	-	-	-
4,804	2,928	114	19,061	17,536	508	4,134	1,620	216	47	28
119,663	75,678	21,153	483,117	383,560	93,044	125,256	76,453	11,450	7,003	4,790

GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	PUPILS IN PUBLIC DAY SCHOOLS — KINDERGARTEN, ELEMENTARY, HIGH — YEAR ENDING JUNE 30, 1919						
		Pupils enrolled	Aggregate days' attendance	Average daily attendance	Average number of days in session	Average membership	Pupils for whom town pays tuition for not less than half of school year	Nonresidents who attended not less than half of school year
		19	20	21	22	23	24	25
319	New Braintree . . . .	56	7,533	45	167	50	17	-
320	Otis . . . . .	83	15,753	66	171	73	4	10
321	West Tisbury . . . .	56	6,249	40	156	45	11	5
322	Westhampton . . . .	66	7,823	46	170	51	7	-
323	Florida . . . . .	81	10,342	58	178	67	1	5
324	Hawley . . . . .	90	11,573	70	165	76	8	31
325	Greenwich . . . . .	53	7,725	45	172	48	4	8
326	Rowe . . . . .	61	8,692	53	164	60	19	17
327	Phillipston . . . . .	81	9,364	56	165	64	6	13
328	Wendell . . . . .	46	6,974	40	176	46	17	1
329	Heath . . . . .	58	7,494	46	163	49	9	-
330	Windsor . . . . .	86	11,413	67	170	81	8	2
331	Plainfield . . . . .	65	8,589	54	159	57	3	25
332	Dunstable . . . . .	58	8,337	47	174	50	9	8
333	Monterey . . . . .	66	5,936	40	145	47	2	-
334	Leyden . . . . .	83	10,482	66	159	73	4	8
335	Wales . . . . .	61	7,757	48	163	54	4	4
336	Tyringham . . . . .	28	3,800	22	168	25	8	-
337	Boxborough . . . . .	55	7,250	47	154	53	10	-
338	Middlefield . . . . .	57	7,740	45	172	49	11	16
339	Prescott . . . . .	68	9,392	54	174	62	3	3
340	Monroe . . . . .	33	4,644	27	172	31	-	8
341	Shutesbury . . . . .	47	6,001	37	163	40	4	-
342	Goshen . . . . .	61	7,509	48	156	53	1	9
343	Chilmark . . . . .	34	3,204	20	157	21	7	2
344	Washington . . . . .	35	5,164	28	184	32	13	2
345	Alford . . . . .	50	6,118	37	165	45	7	-
346	Mashpee . . . . .	26	3,073	22	142	23	2	-
347	Montgomery . . . . .	25	3,030	21	144	24	3	-
348	Tolland . . . . .	21	2,670	17	163	18	3	-
349	Peru . . . . .	26	3,694	23	160	26	-	-
350	Gay Head . . . . .	16	2,274	14	161	16	3	-
351	Holland . . . . .	33	4,813	28	172	31	3	3
352	Gosnold . . . . .	9	1,305	7	186	8	-	-
353	Mount Washington . .	16	1,692	10	169	12	-	-
354	New Ashford . . . . .	18	1,965	12	161	16	1	-
	Totals . . . . .	23,073	3,097,332	18,504	167	20,701	2,496	704
	State . . . . .	605,118	84,324,607	498,898	169	547,830	3,391	7,142

## SCHOOL RETURNS

clxxxv

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

Net average membership (Column 23 + 24 - 25)	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS — DAY, EVENING, VACATION — YEAR ENDING JUNE 30, 1919				
	INSTRUCTION				Operation of school plant, — janitor service, fuel and miscellaneous ex- penses
	General control	Salaries and expenses of supervisors, prin- cipals and teachers	Textbooks	Stationery, supplies and other expenses of instruction	
26	27	28	29	30	31
67	\$473 40	\$1,723 20	\$42 35	\$78 54	\$329 65
67	428 85	2,532 00	91 80	53 61	176 42
51	430 77	2,564 56	85 65	49 07	472 16
58	145 43	1,701 52	32 39	35 99	121 55
63	453 81	2,621 10	42 88	108 53	203 02
53	685 82	2,941 13	24 70	107 89	305 02
44	269 66	1,052 50	52 24	59 22	149 02
62	427 51	1,963 59	16 21	29 90	183 29
57	292 34	1,890 40	14 32	141 23	308 88
62	368 40	1,110 00	75 00	39 98	105 65
58	328 50	1,638 16	81 25	72 04	116 51
87	536 37	2,890 70	50 76	97 31	173 05
35	439 96	1,866 51	113 81	140 54	217 72
51	239 18	1,300 00	68 34	64 39	666 77
49	426 30	1,407 00	23 53	13 27	106 33
69	387 50	2,744 00	59 31	132 87	167 10
54	253 32	1,230 41	60 19	62 58	163 52
33	256 75	1,117 00	10 00	21 04	136 03
63	245 56	2,406 00	177 86	76 31	301 63
44	244 10	2,548 50	26 52	144 96	113 30
62	498 42	1,784 20	71 74	93 52	146 55
23	259 82	1,368 00	20 02	59 42	370 67
44	386 20	1,361 00	4 76	20 76	150 95
45	293 66	1,702 05	86 50	100 00	117 65
26	451 95	1,164 00	12 00	35 76	160 62
43	389 92	1,140 05	32 97	144 82	62 25
52	359 75	2,052 26	40 31	129 81	155 45
25	496 57	935 86	36 27	74 56	195 29
27	205 00	1,169 00	25 00	13 82	61 90
21	194 17	525 00	-	84 13	51 80
26	321 30	1,040 00	22 78	28 94	77 84
19	142 49	666 40	20 82	100 00	126 59
31	151 09	1,488 62	34 40	54 46	122 30
8	198 67	712 50	-	44 56	193 76
12	180 00	991 50	7 00	6 42	79 41
17	138 50	483 00	34 33	95 16	157 47
-	\$72,272 12	\$515,316 67	\$17,286 39	\$24,814 38	\$147,682 78
-	\$1,215,579 99	\$19,607,654 23	\$452,452 80	\$839,303 38	\$4,314,317 88

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

TOWNS	ITEMIZED EXPENDITURES FOR SUPPORT OF PUBLIC SCHOOLS ENDING JUNE				
	Repairs, replacement and upkeep	Libraries	Promotion of health	TRANSPORTATION	
				To schools within town	To schools in other towns or cities
	32	33	34	35	36
319 New Braintree . . .	\$255 43	-	\$15 00	\$373 76	\$442 50
320 Otis . . .	21 68	-	-	179 00	99 25
321 West Tisbury . . .	37 58	-	22 47	112 50	223 20
322 WestLampton . . .	272 47	-	20 00	243 20	-
323 Florida . . .	281 69	-	30 00	510 35	58 50
324 Hawley . . .	6 82	-	25 00	169 00	420 00
325 Greenwich . . .	104 53	-	16 50	1,295 20	235 05
326 Rowe . . .	37 15	-	25 00	683 20	304 75
327 Phillipston . . .	6 80	-	20 00	25 20	125 05
328 Wendell . . .	116 70	-	15 00	1,082 25	57 00
329 Heath . . .	33 25	-	25 00	867 00	441 00
330 Windsor . . .	13 95	-	25 00	525 15	376 50
331 Plainfield . . .	224 21	-	16 00	247 25	156 75
332 Dunstable . . .	155 09	-	29 00	1,605 74	360 05
333 Monterey . . .	26 00	-	-	664 31	-
334 Leyden . . .	143 17	-	25 00	-	208 50
335 Wales . . .	33 78	-	12 50	1,470 75	201 75
336 Tyringham . . .	27 45	-	20 00	195 00	355 50
337 Boxborough . . .	-	-	10 00	56 50	382 98
338 Middlefield . . .	9 52	-	-	244 50	708 00
339 Prescott . . .	25	-	-	165 00	62 56
340 Monroe . . .	51 47	-	40 00	7 50	-
341 Shutesbury . . .	9 05	-	10 00	586 58	182 00
342 Goshen . . .	20 19	-	15 00	15 20	15 00
343 Chilmark . . .	11 90	-	-	-	-
344 Washington . . .	156 21	\$4 00	-	308 00	123 15
345 Alford . . .	53 00	-	10 00	-	408 00
346 Mashpee . . .	163 78	-	-	234 00	122 00
347 Montgomery . . .	-	-	10 00	333 40	-
348 Tolland . . .	-	-	7 00	647 15	-
349 Peru . . .	14 26	10 00	-	621 00	-
350 Gay Head . . .	62 94	-	-	-	-
351 Holland . . .	58 77	-	25 00	741 30	120 00
352 Gosnold . . .	-	-	-	-	-
353 Mount Washington . . .	-	-	-	-	-
354 New Ashford . . .	46 66	-	-	163 00	52 50
Totals . . .	\$29,020 54	\$16 75	\$4,822 56	\$115,103 89	\$66,023 34
State . . .	\$1,272,859 63	\$6,893 22	\$234,952 65	\$596,554 69	\$70,217 94

## SCHOOL RETURNS

clxxxvii

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

— DAY, EVENING, VACATION — YEAR 30, 1919 — Con.			EXPENDITURES FOR OUTLAY, YEAR ENDING JUNE 30, 1919		
Tuition	Miscellaneous	Total for support	New grounds, buildings and alterations	New equipment	Total for outlay
37	38	39	40	41	42
\$714 68	\$31 21	\$4,479 72	—	—	—
210 00	10 00	3,802 61	—	—	—
796 00	1 00	4,794 96	—	—	—
457 25	—	3,029 80	—	—	—
60 00	12 50	4,382 38	—	—	—
470 20	22 26	5,177 84	—	—	—
240 00	12 03	3,485 95	—	—	—
745 91	12 60	4,429 11	—	—	—
238 00	85 41	3,147 63	—	—	—
207 20	7 50	3,184 68	—	—	—
513 72	—	4,116 43	—	—	—
292 50	—	4,981 29	—	—	—
148 00	43 98	3,614 73	\$94 58	\$16 50	\$111 08
832 22	55 08	5,375 86	—	165 93	165 93
111 25	—	2,777 99	—	—	—
290 00	14 95	4,172 40	—	—	—
232 50	39 55	3,760 85	—	—	—
245 00	18 00	2,401 77	—	—	—
1,156 99	—	4,813 83	—	—	—
502 00	—	4,541 40	—	—	—
118 00	6 34	2,946 58	—	—	—
—	2 85	2,179 75	—	—	—
40 50	—	2,751 80	344 29	—	344 29
117 50	4 11	2,486 86	—	—	—
—	—	1,836 23	—	—	—
438 50	—	2,799 87	—	—	—
391 50	15 00	3,615 08	—	—	—
51 00	30 50	2,339 83	—	—	—
171 00	20 00	2,009 12	—	—	—
18 00	—	1,527 25	—	—	—
21 75	—	2,157 87	—	—	—
180 00	—	1,299 24	—	56 91	56 91
147 00	—	2,942 94	—	—	—
—	—	1,149 49	527 66	—	527 66
—	24 16	1,288 49	—	—	—
50 00	—	1,220 62	—	—	—
\$162,616 69	\$8,705 23	\$1,163,681 34	\$15,666 42	\$4,545 22	\$20,211 64
\$271,474 24	\$345,278 35	\$29,227,539 00	\$1,986,406 45	\$273,297 91	\$2,259,704 36

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	EXPENDITURE FOR SUPPORT OF PUBLIC SCHOOLS — DAY, YEAR ENDING					
		FROM LOCAL TAXATION			FROM STATE AID (INCLUDING INCOME FROM MASSACHUSETTS SCHOOL FUND)		
		Amount	Per pupil in av- erage mem- bership	Rank	Amount	Per pupil in av- erage mem- bership	Rank
		43	44	45	46	47	48
319	New Braintree . . .	\$2,200 00	\$44 00	147	\$1,930 87	\$38 62	23
320	Otis . . .	1,335 84	18 30	345	2,088 98	28 62	41
321	West Tisbury . . .	1,998 52	44 41	142	1,442 15	32 05	35
322	Westhampton . . .	800 73	15 70	352	1,720 29	33 73	28
323	Florida . . .	2,765 15	41 27	178	999 16	14 91	84
324	Hawley . . .	1,857 03	24 43	324	2,133 09	28 07	44
325	Greenwich . . .	1,700 00	35 42	244	1,102 49	22 97	57
326	Rowe . . .	1,225 80	20 43	337	2,231 89	37 20	25
327	Phillipston . . .	1,007 82	15 75	351	1,748 04	27 31	46
328	Wendell . . .	1,912 62	41 58	172	1,305 99	28 39	43
329	Heath . . .	1,600 00	32 65	275	2,513 85	51 30	11
330	Windsor . . .	1,864 11	23 01	331	2,368 49	29 24	40
331	Plainfield . . .	1,075 00	18 86	344	1,388 52	24 34	53
332	Dunstable . . .	2,065 59	41 31	175	2,358 92	47 18	15
333	Monterey . . .	1,068 01	22 72	332	1,340 83	28 53	42
334	Leyden . . .	1,380 66	18 91	343	1,871 48	25 64	49
335	Wales . . .	1,685 80	31 22	290	1,824 20	33 78	27
336	Tyringham . . .	1,258 07	50 32	84	1,336 04	53 44	9
337	Boxborough . . .	1,808 90	34 13	260	1,753 20	33 08	29
338	Middlefield . . .	1,354 51	27 64	310	2,949 15	60 19	4
339	Prescott . . .	1,282 24	20 68	336	1,040 40	16 78	76
340	Monroe . . .	732 02	23 61	328	1,012 16	32 65	32
341	Shutesbury . . .	1,182 40	29 56	301	1,396 96	34 92	26
342	Goshen . . .	850 00	16 04	350	1,385 89	26 15	48
343	Chilmark . . .	1,481 76	70 56	18	625 90	29 80	36
344	Washington . . .	1,013 04	31 66	286	1,527 79	47 74	14
345	Alford . . .	1,050 00	23 33	329	2,106 84	46 82	16
346	Mashpee . . .	1,628 33	70 80	17	1,304 22	56 71	8
347	Montgomery . . .	728 55	30 36	295	1,153 21	48 05	13
348	Tolland . . .	946 04	52 56	70	1,102 33	61 24	3
349	Peru . . .	1,025 25	39 43	199	994 39	38 25	24
350	Gay Head . . .	257 54	16 10	349	1,390 96	86 94	1
351	Holland . . .	614 07	19 81	339	1,796 05	57 04	7
352	Gosnold . . .	782 56	97 82	5	362 50	45 31	17
353	Mount Washington . . .	546 83	45 57	121	606 65	50 55	12
354	New Ashford . . .	220 78	13 80	354	1,238 77	77 42	2
	Totals . . .	\$791,438 61	\$38 23	—	\$264,302 29	\$12 77	—
	State . . .	\$27,013,730 61	\$49 31	—	\$406,607 64	\$0 74	—



## SCHOOL RETURNS

clxxxix

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

EVENING, VACATION — CLASSIFIED AS TO SOURCE, Dec. 31, 1918					INCOME FROM MASSACHUSETTS SCHOOL FUND	
From tuition and trans- portation of State wards	Amount from other sources	FROM ALL SOURCES			Paid to town Jan. 25, 1918	Balance unexpended, Dec. 31, 1918
		Amount	Per pupil in av- erage mem- bership	Rank		
49	50	51	52	53	54	55
-	-	\$4,130 87	\$82 62	26	\$1,215 98	\$960 59
-	\$222 50	3,647 32	49 96	180	1,290 98	-
-	230 25	3,670 92	81 58	28	1,254 65	-
\$18 00	259 67	2,798 69	54 88	135	1,147 79	-
-	92 00	3,856 31	57 56	123	777 32	21 21
772 50	-	4,762 62	62 67	97	1,147 79	-
297 00	75 33	3,174 82	66 14	76	1,290 98	1,789 70
408 30	44 08	3,910 07	65 17	78	1,290 99	-
178 50	37 00	2,971 36	46 43	213	1,147 79	-
-	44 65	3,263 26	70 94	53	1,015 99	-
-	-	4,113 85	83 96	21	1,290 98	593 78
-	40 72	4,273 32	52 76	153	1,290 99	-
291 00	29 33	2,783 85	48 84	189	1,290 99	1,784 05
223 50	286 95	4,934 96	98 70	14	1,454 64	172 81
-	-	2,408 84	51 25	166	977 32	1 39
261 00	206 45	3,719 59	50 95	170	1,290 98	-
108 00	-	3,618 00	67 00	68	1,215 99	17 67
-	-	2,594 11	103 76	7	1,147 79	-
-	-	3,562 10	67 21	67	1,072 78	-
198 75	235 36	4,737 77	96 69	15	1,529 65	326 35
615 25	-	2,937 89	47 39	205	575 00	-
-	85 00	1,829 18	59 01	116	1,147 79	399 38
-	-	2,579 36	64 48	85	977 32	213 59
99 00	108 75	2,443 64	46 11	219	1,072 78	279 83
-	-	2,107 66	100 36	9	500 00	128 24
135 75	-	2,676 58	83 64	23	1,147 79	-
-	-	3,156 84	70 15	59	1,290 98	940 44
-	-	2,932 55	127 50	2	1,290 98	299 54
-	3 00	1,884 76	78 53	34	1,052 32	144 11
-	-	2,048 37	113 80	5	977 33	-
-	-	2,019 64	77 68	36	1,072 79	265 90
-	-	1,648 50	103 03	8	1,215 98	148 00
93 75	-	2,503 87	80 77	30	1,052 32	211 83
-	-	1,145 06	143 13	1	300 00	-
-	6 00	1,159 48	96 62	16	1,072 79	869 37
-	-	1,459 55	91 22	17	1,147 79	645 59
\$12,190 19	\$15,918 42	\$1,083,849 51	\$52 36	-	\$124,720 03	\$17,666 01
\$60,122 26	\$425,158 64	\$27,905,619 15	\$50 94	-	\$206,411 24	\$24,910 03

## DEPARTMENT OF EDUCATION

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	VALUATION OF 1918 PER PUPIL IN NET AVERAGE MEMBERSHIP, YEAR ENDING JUNE 30, 1919		EXPENDITURE FOR SCHOOL SUPPORT FROM LOCAL TAXATION, YEAR ENDING DEC. 31, 1918, PER \$1,000 VALUATION		RATE OF TOTAL TAX PER \$1,000 VALUATION, 1918	
		Amount	Rank	Amount	Rank	Amount	Rank
		56	57	58	59	60	61
319	New Braintree . . . .	\$7,050	127	\$4 66	299	\$15 00	289
320	Otis . . . . .	5,675	203	3 51	332	23 00	56
321	West Tisbury . . . .	11,082	35	3 54	331	9 00	346
322	Westhampton . . . .	4,933	254	2 80	348	15 50	276
323	Florida . . . . .	16,798	9	2 61	350	12 00	322
324	Hawley . . . . .	4,978	250	7 04	144	25 00	25
325	Greenwich . . . . .	7,764	97	4 98	279	18 50	197
326	Rowe . . . . .	4,316	288	4 58	303	20 00	155
327	Phillipston . . . . .	5,959	186	2 97	345	18 20	205
328	Wendell . . . . .	9,552	51	3 23	340	7 60	351
329	Heath . . . . .	5,296	228	5 21	267	19 00	178
330	Windsor . . . . .	3,536	333	6 06	211	18 60	192
331	Plainfield . . . . .	7,088	125	4 33	314	20 50	132
332	Dunstable . . . . .	7,903	94	5 12	272	8 80	349
333	Monterey . . . . .	9,418	56	2 31	352	13 00	307
334	Leyden . . . . .	3,920	314	5 10	273	21 00	112
335	Wales . . . . .	6,730	143	4 64	300	14 25	295
336	Tyringham . . . . .	11,362	33	3 36	338	17 00	244
337	Boxborough . . . . .	5,056	243	5 68	236	18 00	208
338	Middlefield . . . . .	5,779	199	5 33	258	20 00	153
339	Prescott . . . . .	4,611	274	4 49	307	17 25	236
340	Monroe . . . . .	13,128	21	2 42	351	20 50	131
341	Shutesbury . . . . .	8,081	86	3 33	339	18 80	187
342	Goshen . . . . .	6,117	176	3 09	343	16 80	247
343	Chilmark . . . . .	10,569	11	3 44	334	9 00	345
344	Washington . . . . .	7,509	107	3 14	341	15 50	274
345	Alford . . . . .	4,132	299	4 89	286	16 80	246
346	Mashpee . . . . .	18,618	7	3 50	333	17 00	239
347	Montgomery . . . . .	7,151	120	3 77	328	18 20	204
348	Tolland . . . . .	14,965	13	3 01	344	15 00	291
349	Peru . . . . .	10,139	46	3 89	326	12 20	319
350	Gay Head . . . . .	2,789	353	4 86	288	11 00	332
351	Holland . . . . .	4,484	280	4 42	309	16 60	250
352	Gosnold . . . . .	123,524	1	79	354	10 50	336
353	Mount Washington . .	13,411	19	3 40	336	11 50	329
354	New Ashford . . . .	5,690	202	2 28	353	19 25	170
	Totals . . . . .	\$6,091	—	\$5 77	—	—	—
	State . . . . .	\$8,710	—	\$5 70	—	—	—

## cxcì

EVENING AND VACATION SCHOOLS, YEAR ENDING JUNE 30, 1919

<sup>1</sup> For tuition.

GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	YEAR GRADES IN —			PUBLIC DAY ELEMENTARY SCHOOLS				
		Elementary school	Junior high school, if any	Senior high school	PRINCIPALS		TEACHERS		
							FULL TIME		Part time
					Men	Women	Men	Women	
		71	72	73	74	75	76	77	78
319	New Braintree . . . .	8	—	—	—	—	—	3	—
320	Otis . . . . .	8	—	—	—	—	—	5	—
321	West Tisbury . . . .	8	—	—	—	—	—	4	—
322	Westhampton . . . .	9	—	—	—	—	—	4	—
323	Florida . . . . .	8	—	—	—	—	—	5	—
324	Hawley . . . . .	8	—	—	—	—	—	7	1
325	Greenwich . . . . .	8	—	—	—	—	—	2	—
326	Rowe . . . . .	8	—	—	—	—	—	5	—
327	Phillipston . . . . .	8	—	—	—	—	—	4	—
328	Wendell . . . . .	9	—	—	—	—	—	3	—
329	Heath . . . . .	8	—	—	—	—	—	4	—
330	Windsor . . . . .	8	—	—	—	—	—	5	—
331	Plainfield . . . . .	8	—	—	—	—	—	4	—
332	Dunstable . . . . .	8	—	—	—	—	—	2	—
333	Monterey . . . . .	8	—	—	—	—	—	3	—
334	Leyden . . . . .	8	—	—	—	—	—	5	—
335	Wales . . . . .	8	—	—	—	—	—	2	—
336	Tyringham . . . . .	8	—	—	—	—	—	2	—
337	Boxborough . . . . .	8	—	—	—	—	—	4	—
338	Middlefield . . . . .	8	—	—	—	—	—	5	2
339	Prescott . . . . .	8	—	—	—	—	—	4	—
340	Monroe . . . . .	8	—	—	—	—	—	3	—
341	Shutesbury . . . . .	9	—	—	—	—	—	3	—
342	Goshen . . . . .	8	—	—	—	—	—	4	—
343	Chilmark . . . . .	8	—	—	—	—	1	1	1
344	Washington . . . . .	8	—	—	—	—	—	2	—
345	Alford . . . . .	8	—	—	—	—	—	3	—
346	Mashpee . . . . .	8	—	—	—	—	—	1	1
347	Montgomery . . . . .	8	—	—	—	—	—	2	2
348	Tolland . . . . .	9	—	—	—	—	—	1	—
349	Peru . . . . .	8	—	—	—	—	1	1	—
350	Gay Head . . . . .	8	—	—	—	—	—	1	—
351	Holland . . . . .	8	—	—	—	—	—	2	—
352	Gosnold . . . . .	8	—	—	—	—	—	1	—
353	Mount Washington . .	8	—	—	—	—	—	2	—
354	New Ashford . . . . .	8	—	—	—	—	—	1	—
	Totals . . . . .	—	—	—	1	1	12	825	35
	State . . . . .	—	—	—	290	236	363	14,203	164

# SCHOOL RETURNS

xciii

## AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

(INCLUDING FIRST TWO YEARS OF JUNIOR HIGH SCHOOLS), YEAR ENDING JUNE 30, 1919

PUPILS ENROLLED		Aggregate days' attendance	Average number of days in session	Average membership	EXPENDITURE FOR SUPPORT, EXCLUSIVE OF GENERAL CONTROL		Expenditure for salaries and expenses of principals, supervisors and teachers	Expenditure for textbooks
Boys	Girls				Amount	Per pupil in average membership of elementary schools		
79	80	81	82	83	84	85	86	87
32	24	7,533	167	50	\$3,000 07	\$60 00	\$1,723 20	\$42 35
43	40	15,753	171	73	3,064 51	41 98	2,532 00	91 80
31 <sup>1</sup>	25 <sup>1</sup>	6,249 <sup>1</sup>	156	45 <sup>1</sup>	3,380 99 <sup>1</sup>	75 13	2,564 56	85 65
31	35	7,823	170	51	2,429 37	47 63	1,701 52	32 39
46	35	10,342	178	67	3,810 07	56 87	2,621 10	42 88
65	25	11,573	165	76	3,601 82	47 39	2,941 13	24 70
30	23	7,725	172	48	2,741 24	57 11	1,052 50	52 24
36	25	8,692	164	60	3,355 69	55 93	1,963 59	16 21
44	37	9,364	165	64	2,510 24	39 22	1,890 40	14 32
24	22	6,974	176	46	2,759 28	59 98	1,110 00	75 00
28	30	7,494	163	49	2,833 21	57 82	1,638 16	81 25
46	40	11,413	170	81	3,775 92	46 62	2,890 70	50 76
34	31	8,589	159	57	2,946 77	51 70	1,866 51	113 81
32	26	8,337	174	50	3,944 41	78 89	1,300 00	68 34
35	31	5,936	145	47	2,240 44	47 67	1,407 00	23 53
50	33	10,482	159	73	3,286 40	45 02	2,744 00	59 31
38	23	7,757	163	54	3,073 28	56 91	1,230 41	60 19
15	13	3,800	168	25	1,673 52	66 94	1,117 00	10 00
29	26	7,250	154	53	3,028 30	57 14	2,406 00	177 86
36	21	7,740	172	49	3,087 30	63 01	2,548 50	26 52
29	39	9,392	174	62	2,273 80	36 67	1,784 20	71 74
23	10	4,644	172	31	1,919 93	61 93	1,368 00	20 02
26	21	6,001	163	40	2,330 60	58 27	1,361 00	4 76
39	22	7,509	156	53	2,060 70	38 88	1,702 05	86 50
26	8	3,204	157	21	1,384 28	65 92	1,164 00	12 00
20	15	5,164	184	32	2,121 80	66 31	1,140 05	32 97
31	19	6,118	165	45	2,455 83	54 57	2,052 26	40 31
14	12	3,073	142	23	1,742 26	75 75	935 86	36 27
13	12	3,030	144	24	1,633 12	68 05	1,169 00	25 00
11	10	2,670	163	18	1,333 08	74 06	525 00	—
9	17	3,694	160	26	1,836 57	70 64	1,040 00	22 78
7	9	2,274	161	16	976 75	61 05	666 40	20 82
20	13	4,813	172	31	2,551 85	82 32	1,488 62	34 40
3	6	1,305	186	8	950 82	118 85	712 50	—
11	5	1,692	169	12	1,108 49	92 37	991 50	7 00
8	10	1,965	161	16	979 62	61 23	483 00	34 33
12,007	11,066	3,097,332	—	20,701	\$867,163 47	\$41 89	\$514,740 17	\$17,121 34
265,147	254,463	72,254,771	—	471,368	\$20,568,368 26	\$43 64	\$14,301,049 43	\$307,265 27

<sup>1</sup> Includes 2 pupils taking high school work.

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	Resident pupils for whom the town pays tuition in public high schools of other towns or cities.	HIGH SCHOOL	
			EXPENDITURE FOR TUITION AND HIGH SCHOOLS IN OTHER	
			For tuition	For transportation
		103	104	105
319	New Braintree . . . .	10	\$563 75	\$442 50
320	Otis . . . .	4	210 00	99 25
321	West Tisbury . . . .	9	760 00	223 20
322	Westhampton . . . .	7	455 00 <sup>2</sup>	—
323	Florida . . . .	1	60 00	58 50
324	Hawley . . . .	8	470 20	420 00
325	Greenwich . . . .	4	240 00	235 05
326	Rowe . . . .	6	341 16	304 75
327	Phillipston . . . .	5	220 00	125 05
328	Wendell . . . .	2	—	57 00
329	Heath . . . .	9	513 72	441 00
330	Windsor . . . .	8	292 50	376 50
331	Plainfield . . . .	2	120 00	108 00
332	Dunstable . . . .	9	832 22	360 05
333	Monterey . . . .	2	111 25	—
334	Leyden . . . .	4	290 00	208 50
335	Wales . . . .	4	232 50	201 75
336	Tyringham . . . .	5	200 00	271 50
337	Boxborough . . . .	10	1,156 99	382 98
338	Middlefield . . . .	11	502 00	708 00
339	Prescott . . . .	3	115 00	59 36
340	Monroe . . . .	—	—	—
341	Shutesbury . . . .	1	35 00 <sup>2</sup>	—
342	Goshen . . . .	1	117 50	15 00
343	Chilmark . . . .	2	—	—
344	Washington . . . .	3	165 00	123 15
345	Alford . . . .	7	391 50	408 00
346	Mashpee . . . .	1	24 00	77 00
347	Montgomery . . . .	3	171 00	—
348	Tolland . . . .	1	—	—
349	Peru . . . .	—	—	—
350	Gay Head . . . .	3	180 00	—
351	Holland . . . .	2	120 00	120 00
352	Gosnold . . . .	—	—	—
353	Mount Washington . . . .	—	—	—
354	New Ashford . . . .	1	50 00	52 50
	Totals . . . .	2,310	\$158,597 31	\$64,640 08

<sup>1</sup> Also expended \$178.21 for high school instruction of 2 pupils.

<sup>2</sup> Does not include certain bills paid after close of school year.

# SCHOOL RETURNS

CXCv

## AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

EDUCATION FOR YEAR ENDING JUNE 30, 1919

TRANSPORTATION TO PUBLIC TOWNS OR CITIES		Reimbursement payable by the State, fall, 1919	NET COST TO TOWN FOR HIGH SCHOOL EDUCATION	
Total	Average amount per pupil		Amount	Average amount per pupil
106	107	108	109	110
\$1,006 25	\$100 63	\$740 25	\$266 00	\$26 60
309 25	77 31	308 66	59	15
983 20 <sup>1</sup>	109 24	—	983 20	109 24
455 00 <sup>2</sup>	65 00 <sup>2</sup>	539 50	—	—
118 50	118 50	38 25	80 25	80 25
890 20	111 28	890 20	—	—
475 05	118 76	357 53	117 52	29 38
645 91	107 65	645 91	—	—
345 05	69 01	267 53	77 52	15 50
57 00	28 50	—	57 00	28 50
954 72	106 08	954 72	—	—
669 00	83 63	666 00	3 00	38
228 00	114 00	201 00	27 00	13 50
1,192 27	132 47	854 87	337 40	37 49
111 25	55 62	111 25	—	—
498 50	124 63	446 38	52 12	13 03
434 25	108 56	383 81	50 44	12 61
471 50	94 30	—	471 50	94 30
1,539 97	154 00	1,196 59	343 38	34 34
1,210 00	110 00	1,090 50	119 50	10 86
174 36	58 12	115 00	59 36	19 79
—	—	—	—	—
35 00 <sup>2</sup>	35 00 <sup>2</sup>	75 00	—	—
132 50	132 50	100 00	32 50	32 50
—	—	—	—	—
288 15	96 05	165 00	123 15	41 05
799 50	114 21	789 90	9 60	1 37
101 00	101 00	27 75	73 25	73 25
171 00	57 00	171 00	—	—
—	—	—	—	—
—	—	—	—	—
180 00	60 00	180 00	—	—
240 00	120 00	120 00	120 00	60 00
—	—	—	—	—
—	—	—	—	—
102 50	102 50	76 25	26 25	26 25
\$223,237 39 <sup>2</sup>	\$96 64	\$100,029 70	\$124,278 63	\$53 80

<sup>1</sup> Does not include \$979.19 paid after close of school year.

NOTE. — For State totals for columns 88-102, see pages cxviii and cxix.

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	EMPLOYMENT CERTIFICATES AND HOME PERMITS					
		EMPLOYMENT CERTIFICATES ISSUED			DIFFERENT		
		To boys	To girls	Total	EMPLOYMENT CERTIFICATES		
					Boys	Girls	Total
		111	112	113	114	115	116
319	New Braintree . . .	1	1	2	1	1	2
320	Otis . . .	-	-	-	-	-	-
321	West Tisbury . . .	1	-	1	1	-	1
322	Westhampton . . .	1	-	1	1	-	1
323	Florida . . .	-	-	-	-	-	-
324	Hawley . . .	-	-	-	-	-	-
325	Greenwich . . .	-	-	-	-	-	-
326	Rowe . . .	-	-	-	-	-	-
327	Phillipston . . .	1	-	1	1	-	1
328	Wendell . . .	-	-	-	-	-	-
329	Heath . . .	-	-	-	-	-	-
330	Windsor . . .	-	-	-	-	-	-
331	Plainfield . . .	1	-	1	1	-	1
332	Dunstable . . .	-	-	-	-	-	-
333	Monterey . . .	-	-	-	-	-	-
334	Leyden . . .	-	-	-	-	-	-
335	Wales . . .	2	2	4	1	-	1
336	Tyringham . . .	1	-	1	1	-	1
337	Boxborough . . .	1	-	1	1	-	1
338	Middlefield . . .	2	-	2	2	-	2
339	Prescott . . .	-	-	-	-	-	-
340	Monroe . . .	-	-	-	-	-	-
341	Shutesbury . . .	-	-	-	-	-	-
342	Goshen . . .	-	-	-	-	-	-
343	Chilmark . . .	-	-	-	-	-	-
344	Washington . . .	-	-	-	-	-	-
345	Alford . . .	-	-	-	-	-	-
346	Mashpee . . .	-	-	-	-	-	-
347	Montgomery . . .	-	-	-	-	-	-
348	Tolland . . .	-	-	-	-	-	-
349	Peru . . .	-	-	-	-	-	-
350	Gay Head . . .	-	-	-	-	-	-
351	Holland . . .	-	1	1	-	1	1
352	Gosnold . . .	-	-	-	-	-	-
353	Mount Washington . . .	-	-	-	-	-	-
354	New Ashford . . .	-	-	-	-	-	-
	Totals . . .	920	683	1,603	630	444	1,074
	State . . .	47,403	40,495	87,898	24,818	18,328	43,146

## ERRATA.

For State total to column No. 111, substitute 57,403.

For State total to column No. 113, substitute 97,898.



# SCHOOL RETURNS

cxcvii

## AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

ISSUED TO PERSONS 14 TO 16 YEARS OF AGE, YEAR ENDING JUNE 30, 1919

PERSONS RECEIVING —			HOLDERS OF HOME PERMITS INCLUDED IN COLUMNS 114, 115, 116			DIFFERENT PERSONS 14 TO 16 YEARS OF AGE ENROLLED IN EVENING SCHOOL CLASSES AND HOLDING EITHER EMPLOYMENT CERTIFICATES OR HOME PERMITS		
HOME PERMITS			Boys	Girls	Total	Boys	Girls	Total
117	118	119	120	121	122	123	124	125
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1	-	1	1	-	1	-	-	-
1	-	1	-	-	-	-	-	-
2	1	3	-	-	-	-	-	-
-	2	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2	2	4	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
2	-	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
48	28	76	9	3	12	-	-	-
223	945	1,168	54	360	414	2,058	1,488	3,546

GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	MEMBERSHIP IN PUBLIC DAY							
		Kindergarten	ELEMENTARY						
			Special classes	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
		126	127	128	129	130	131	132	133
319	New Braintree . . . .	-	-	8	13	-	7	5	12
320	Otis . . . . .	-	-	6	14	6	12	5	12
321	West Tisbury . . . .	-	-	9	5	9	4	2	9
322	Westhampton . . . .	-	-	6	4	9	6	8	4
323	Florida . . . . .	-	-	12	11	11	13	7	8
324	Hawley . . . . .	-	-	9	9	14	8	16	22
325	Greenwich . . . . .	-	-	8	12	9	4	-	13
326	Rowe . . . . .	-	-	10	4	9	13	10	5
327	Phillipston . . . . .	-	-	12	8	9	9	10	8
328	Wendell . . . . .	-	-	6	5	6	7	4	7
329	Heath . . . . .	-	-	7	9	6	5	11	1
330	Windsor . . . . .	-	-	4	15	14	8	7	13
331	Plainfield . . . . .	-	-	8	15	8	10	11	6
332	Dunstable . . . . .	-	-	8	9	5	7	4	6
333	Monterey . . . . .	-	-	5	7	5	13	8	8
334	Leyden . . . . .	-	2	10	6	4	7	14	19
335	Wales . . . . .	-	-	14	7	6	7	8	4
336	Tyringham . . . . .	-	-	3	6	1	5	-	4
337	Boxborough . . . . .	-	-	1	7	3	7	8	5
338	Middlefield . . . . .	-	-	7	3	10	6	10	11
339	Prescott . . . . .	-	-	12	12	5	9	7	4
340	Monroe . . . . .	-	-	3	4	3	5	7	5
341	Shutesbury . . . . .	-	-	6	5	7	5	2	9
342	Goshen . . . . .	-	-	7	5	9	6	6	3
343	Chilmark . . . . .	-	1	1	1	5	3	2	1
344	Washington . . . . .	-	-	3	4	4	5	5	1
345	Alford . . . . .	-	-	4	5	4	11	7	7
346	Mashpee . . . . .	-	-	2	2	1	6	7	-
347	Montgomery . . . . .	-	-	6	5	1	4	3	5
348	Tolland . . . . .	-	-	1	3	-	7	-	4
349	Peru . . . . .	-	-	4	8	4	4	3	-
350	Gay Head . . . . .	-	-	2	1	2	3	3	-
351	Holland . . . . .	-	-	5	7	1	6	3	4
352	Gosnold . . . . .	-	-	-	2	-	2	-	-
353	Mount Washington . .	-	-	1	4	-	-	-	1
354	New Ashford . . . . .	-	-	2	1	2	4	4	-
	Totals . . . . .	43	10	3,597	3,081	2,724	2,826	2,829	2,514
	State . . . . .	19,213	4,178	74,532	62,981	59,793	59,799	58,192	53,865

## SCHOOL RETURNS

excix

AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

SCHOOLS, BY GRADES, APRIL 1, 1919

SCHOOL				HIGH SCHOOL							Grand total
Grade 7, or first-year Junior High	Grade 8, or Junior 2	Grade 9, if in elementary school	Total	First year, or Junior 3	Second year	Third year	Fourth year	Fifth year, if any	Post-graduates	Total	
134	135	136	137	138	139	140	141	142	143	144	145
-	6	-	51	-	-	-	-	-	-	-	51
5	9	-	69	-	-	-	-	-	-	-	69
3	10	-	51	1	1	-	-	-	-	2	53
7	4	6	54	-	-	-	-	-	-	-	54
2	6	-	70	-	-	-	-	-	-	-	70
5	1	-	84	-	-	-	-	-	-	-	84
7	2	-	55	-	-	-	-	-	-	-	55
5	9	-	65	-	-	-	-	-	-	-	65
14	8	-	78	-	-	-	-	-	-	-	78
4	3	1	43	-	-	-	-	-	-	-	43
8	6	-	53	-	-	-	-	-	-	-	53
12	6	-	79	-	-	-	-	-	-	-	79
3	3	-	64	-	-	-	-	-	-	-	64
9	8	-	56	-	-	-	-	-	-	-	56
2	6	-	54	-	-	-	-	-	-	-	54
6	6	-	74	-	-	-	-	-	-	-	74
6	4	-	56	-	-	-	-	-	-	-	56
4	3	-	26	-	-	-	-	-	-	-	26
17	5	-	53	-	-	-	-	-	-	-	53
3	6	1	57	-	-	-	-	-	-	-	57
4	7	-	60	-	-	-	-	-	-	-	60
2	2	-	31	-	-	-	-	-	-	-	31
4	2	1	41	-	-	-	-	-	-	-	41
11	3	-	50	-	-	-	-	-	-	-	50
1	1	-	16	-	-	-	-	-	-	-	16
6	3	-	31	-	-	-	-	-	-	-	31
2	5	-	45	-	-	-	-	-	-	-	45
4	3	-	25	-	-	-	-	-	-	-	25
2	-	-	26	-	-	-	-	-	-	-	26
-	4	-	19	-	-	-	-	-	-	-	19
-	1	-	24	-	-	-	-	-	-	-	24
-	5	-	16	-	-	-	-	-	-	-	16
4	3	-	33	-	-	-	-	-	-	-	33
3	-	-	7	-	-	-	-	-	-	-	7
-	6	-	12	-	-	-	-	-	-	-	12
-	3	-	16	-	-	-	-	-	-	-	16
2,117	1,760	301	21,759	6	7	-	-	-	-	13	21,815
46,917	37,608	5,232	463,097	28,686	20,907	15,546	12,509	522	440	78,610	560,920

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	PRINCIPALS AND FULL-TIME						
		ELEMENTARY SCHOOL						
		Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total
		146	147	148	149	150	151	152
319	New Braintree . . .	-	-	1	-	2	-	3
320	Otis . . .	-	-	1	-	3	1	5
321	West Tisbury . . .	-	-	3	1	-	-	4
322	Westhampton . . .	-	-	1	-	2	1	4
323	Florida . . .	-	-	3	-	2	-	5
324	Hawley . . .	-	-	-	-	8	-	8
325	Greenwich . . .	-	-	-	-	2	-	2
326	Rowe . . .	-	-	1	-	4	-	5
327	Phillipston . . .	-	-	1	1	2	-	4
328	Wendell . . .	-	-	-	-	3	-	3
329	Heath . . .	-	-	-	-	4	-	4
330	Windsor . . .	-	-	-	-	5	-	5
331	Plainfield . . .	-	-	2	-	2	-	4
332	Dunstable . . .	-	-	1	-	1	-	2
333	Monterey . . .	-	-	-	-	3	-	3
334	Leyden . . .	-	-	3	-	-	2	5
335	Wales . . .	-	-	-	-	2	-	2
336	Tyringham . . .	-	-	1	-	1	-	2
337	Boxborough . . .	-	-	3	-	1	-	4
338	Middlefield . . .	-	-	5	-	-	-	5
339	Prescott . . .	-	-	2	-	2	-	4
340	Monroe . . .	-	-	2	-	1	-	3
341	Shutesbury . . .	-	-	-	-	3	-	3
342	Goshen . . .	-	-	2	-	2	-	4
343	Chilmark . . .	-	-	-	-	3	-	3
344	Washington . . .	-	-	1	-	1	-	2
345	Alford . . .	-	-	2	-	1	-	3
346	Mashpee . . .	-	-	1	-	-	-	1
347	Montgomery . . .	-	-	1	-	1	-	2
348	Tolland . . .	-	-	1	-	-	-	1
349	Peru . . .	-	-	-	-	1	1	2
350	Gay Head . . .	-	-	1	-	-	-	1
351	Holland . . .	-	-	1	-	1	-	2
352	Gosnold . . .	-	-	1	-	-	-	1
353	Mount Washington . . .	-	-	-	-	2	-	2
354	New Ashford . . .	-	-	-	-	1	-	1
	Totals . . .	3	9	515	30	265	19	841
	State . . .	48	311	8,726	1,508	1,850	130	12,573 <sup>1</sup>

<sup>1</sup> Boston not included.

# SCHOOL RETURNS

cci

## AND NOT MAINTAINING HIGH SCHOOLS — *Continued*

TEACHERS, CLASSIFIED ACCORDING TO TRAINING, JAN. 1, 1919

HIGH SCHOOL							Grand total
Graduates of both college and normal school	Graduates of college, but not of normal school	Graduates of normal school, but not of college	Graduates of city training school only	Graduates of secondary school only	Not graduates of secondary school	Total	
153	154	155	156	157	158	159	160
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	841
97	2,263	418	45	211	19	3,053	15,626

## DEPARTMENT OF EDUCATION

## GROUP IV. TOWNS OF LESS THAN 5,000 POPULATION

	TOWNS	SCHOOL BUILDINGS IN USE, JAN. 1, 1919				ESTIMATED VALUE	
		One-room buildings	Two-room buildings	Buildings of three or more rooms	Total	ELEMENTARY	
						Sites	Buildings
		161	162	163	164	165	166
319	New Braintree . . .	3	-	-	3	\$300	\$4,700
320	Otis . . .	5	-	-	5	150	2,950
321	West Tisbury . . .	2	1	-	3	700	5,700
322	Westhampton . . .	4	-	-	4	100	3,500
323	Florida . . .	5	-	-	5	300	7,500
324	Hawley . . .	7	-	-	7	500	2,500
325	Greenwich . . .	-	2	-	2	200	4,000
326	Rowe . . .	5	-	-	5	300	2,500
327	Phillipston . . .	4	-	-	4	600	6,000
328	Wendell . . .	3	-	-	3	100	4,000
329	Heath . . .	4	-	-	4	400	2,000
330	Windsor . . .	5	-	-	5	200	4,200
331	Plainfield . . .	3	-	-	3	175	1,225
332	Dunstable . . .	-	-	1	1	150	6,000
333	Monterey . . .	3	-	-	3	-	4,100
334	Leyden . . .	5	-	-	5	300	6,000
335	Wales . . .	-	1	-	1	-	6,000
336	Tyringham . . .	-	1	-	1	200	2,500
337	Boxborough . . .	4	-	-	4	400	2,400
338	Middlefield . . .	5	-	-	5	500	3,000
339	Prescott . . .	4	-	-	4	100	2,000
340	Monroe . . .	1	1	-	2	200	1,000
341	Shutesbury . . .	3	-	-	3	250	3,000
342	Goshen . . .	4	-	-	4	200	1,400
343	Chilmark . . .	2	-	-	2	350	2,900
344	Washington . . .	1	1	-	2	500	3,000
345	Alford . . .	3	-	-	3	600	3,000
346	Mashpee . . .	1	-	-	1	500	3,660
347	Montgomery . . .	2	-	-	2	100	800
348	Tolland . . .	1	-	-	1	500	1,200
349	Peru . . .	2	-	-	2	600	2,400
350	Gay Head . . .	-	1	-	1	100	1,000
351	Holland . . .	-	1	-	1	100	1,000
352	Gosnold . . .	1	-	-	1	400	3,500
353	Mount Washington . . .	2	-	-	2	200	2,000
354	New Ashford . . .	1	-	-	1	100	800
	Totals . . .	319	89	80	488	\$206,925	\$2,167,082
	State . . .	812	401	1,759	2,972	\$13,757,936	\$60,293,304

# SCHOOL RETURNS

cciii

## AND NOT MAINTAINING HIGH SCHOOLS — *Concluded*

OF PUBLIC SCHOOL PROPERTY						Grand total
SCHOOLS		HIGH SCHOOLS				
Equipment (furniture, apparatus, libraries, etc.)	Total	Sites	Buildings	Equipment (furniture, apparatus, libraries, etc.)	Total	
167	168	169	170	171	172	173
\$600	\$5,600	-	-	-	-	\$5,600
250	3,350	-	-	-	-	3,350
1,400	7,800	-	-	-	-	7,800
1,500	5,100	-	-	-	-	5,100
500	8,300	-	-	-	-	8,300
1,000	4,000	-	-	-	-	4,000
600	4,800	-	-	-	-	4,800
400	3,200	-	-	-	-	3,200
1,200	7,800	-	-	-	-	7,800
500	4,600	-	-	-	-	4,600
500	2,900	-	-	-	-	2,900
1,200	5,600	-	-	-	-	5,600
515	1,915	-	-	-	-	1,915
500	6,650	-	-	-	-	6,650
-	4,100	-	-	-	-	4,100
1,000	7,300	-	-	-	-	7,300
500	6,500	-	-	-	-	6,500
200	2,900	-	-	-	-	2,900
800	3,600	-	-	-	-	3,600
700	4,200	-	-	-	-	4,200
1,200	3,300	-	-	-	-	3,300
300	1,500	-	-	-	-	1,500
750	4,000	-	-	-	-	4,000
400	2,000	-	-	-	-	2,000
500	3,750	-	-	-	-	3,750
1,000	4,500	-	-	-	-	4,500
500	4,100	-	-	-	-	4,100
1,200	5,360	-	-	-	-	5,360
100	1,000	-	-	-	-	1,000
500	2,200	-	-	-	-	2,200
700	3,700	-	-	-	-	3,700
300	1,400	-	-	-	-	1,400
300	1,400	-	-	-	-	1,400
1,000	4,900	-	-	-	-	4,900
200	2,400	-	-	-	-	2,400
300	1,200	-	-	-	-	1,200
\$245,998	\$2,620,005	-	-	-	-	\$2,620,005
\$6,765,797	\$80,817,037	\$4,016,449	\$26,699,219	\$2,725,829	\$33,441,497	\$114,258,534

## COMPARATIVE STATISTICS.

Comparison of certain totals for the Commonwealth for the year 1918-19, as given in the preceding table, with the corresponding totals for 1908-09, and the per cent of increase for the ten years.

Column in preceding table	ITEM	1908-09	1918-19	Per cent in- crease
	<b>POPULATION</b>			
1	Population, State censuses 1905 and 1915 . . . . .	3,033,680	3,693,310	23
11	Persons 7 to 14 years of age Sept. 1, 1908, and April 1, 1919 . . . . .	393,441	483,117	25
17	Illiterate minors over 14 years of age Sept. 1, 1908, and April 1, 1919 . . . . .	7,752	7,003	10 <sup>1</sup>
	<b>PUBLIC DAY SCHOOLS, ELEMENTARY AND HIGH</b>			
3, 5, 6	Principals and teachers . . . . .	15,093	19,150	27
19	Pupils enrolled . . . . .	530,444	605,118	14
21	Average daily attendance . . . . .	436,559	498,898	14
23	Average membership . . . . .	473,376	547,830	15
	<b>PUBLIC EVENING SCHOOLS</b>			
	Cities and towns maintaining . . . . .	62	84	-
62, 65	Teachers . . . . .	1,971	1,545	22 <sup>1</sup>
63, 66	Pupils enrolled . . . . .	64,148	33,781	47 <sup>1</sup>
64, 67	Expenditure . . . . .	\$346,872 10	\$309,099 98	11 <sup>1</sup>
	<b>PUBLIC VACATION SCHOOLS</b>			
	Cities and towns maintaining . . . . .	10 <sup>2</sup>	29	-
68	Teachers . . . . .	133 <sup>2</sup>	472	255 <sup>2</sup>
69	Pupils enrolled . . . . .	6,983 <sup>2</sup>	12,547	80 <sup>2</sup>
70	Expenditure . . . . .	\$7,834 50 <sup>2</sup>	\$51,075 49	552 <sup>2</sup>
	<b>PUBLIC DAY HIGH SCHOOLS</b>			
88	Number of high schools . . . . .	270	251 <sup>3</sup>	-
89, 90, 91, 92	Principals and teachers . . . . .	2,179	3,717	71
94, 95	Pupils enrolled . . . . .	53,958	85,508	58
99	Expenditure for support, exclusive of general control . . . . .	\$3,038,251 60	\$6,849,114 01	125
	Cost per pupil in the high school enrollment . . . . .	\$56 31	\$80 10	42

<sup>1</sup> Decrease.<sup>2</sup> In 1908-09 no vacation schools reported for Boston.<sup>3</sup> High schools not under superintendence of town authorities are not now counted as public high schools.



# SCHOOL RETURNS

ccv

## COMPARATIVE STATISTICS — Concluded

Column in preceding table	ITEM	1908-09	1918-19	Per cent in- crease
	VALUATION			
2	Valuation for 1908 and 1918 . . . . .	\$3,590,690,106	\$4,738,976,589	32
	Valuation per pupil in the average membership . . . . .	7,585	8,650	14
	ITEMIZED EXPENDITURES			
27	General control, including salaries and expenses of school committees and superintendents . . . . .	\$579,746 44	\$1,215,579 99	110
	Cost per pupil in average membership . . . . .	1 22	2 22	82
28	Salaries of principals, teachers and supervisors . . . . .	11,172,187 01	19,607,654 23	76
	Cost per pupil in average membership . . . . .	23 60	35 79	52
29, 30	Textbooks, stationery, supplies . . . . .	860,983 33	1,291,756 18	50
	Cost per pupil in average membership . . . . .	1 82	2 36	29
31	Operation of school plant, including janitor service and fuel . . . . .	2,043,264 92	4,314,317 88	110
	Cost per pupil in average membership . . . . .	4 32	7 88	82
32	Repairs, replacement and upkeep . . . . .	537,335 85	1,272,859 63	137
	Cost per pupil in average membership . . . . .	1 14	2 32	104
35, 36	Transportation . . . . .	292,213 33	666,772 63	128
	Cost per pupil in average membership . . . . .	62	1 22	90
33,34,37,38	Miscellaneous expenditures for support . . . . .	371,690 94	858,598 46	131
	Cost per pupil in average membership . . . . .	79	1 57	99
39	Total for support, including ordinary repairs . . . . .	15,857,421 82	29,227,539 00	84
	Cost per pupil in average membership . . . . .	33 50	53 35	59
42	Total for outlay — new schoolhouses, alterations and permanent repairs . . . . .	3,520,464 62	2,259,704 36	56 <sup>1</sup>
	Cost per pupil in average membership . . . . .	7 44	4 12	45 <sup>1</sup>
39, 42	Total for support and outlay . . . . .	19,377,886 44	31,487,243 36	62
	Cost per pupil in average membership . . . . .	40 94	57 48	40

<sup>1</sup> Decrease.



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# INDEX

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# INDEX.

## A.

	PAGE
Agents, Department of Education, names of, with Division, . . . . .	5-9
Agricultural education. <i>See</i> Vocational education, State-aided.	
Americanization, Act of 1919, enactment of, . . . . .	17
Administration of, . . . . .	120-122
Adult non-English-speaking persons, establishment of schools for, . . . . .	15, 16
enactment of law relating to, . . . . .	128, 129
Bulletins on, publication of, . . . . .	6
Division of, officers of, . . . . .	190
Financial statement, . . . . .	122, 123
Hyannis State Normal School, summer session of, courses in, . . . . .	18, 121
John J. Mahoney, appointment of, as supervisor of, . . . . .	67, 70
Amherst, summer school at, courses in, . . . . .	190
Annual report and bulletins, financial statement, . . . . .	190, 191
Appropriations and expenditures, Department of Education, financial statement, . . . . .	
Appropriations and expenditures for public schools. <i>See</i> Expenditures for public schools.	
Art School. <i>See</i> Massachusetts Normal Art School.	
Attendance on public schools, enrollment, membership statistics (columns 19-26), . . . . .	viii, ix; xxx, xxxi
For elementary schools (columns 79-83), . . . . .	xvii, xxxix <i>et seq.</i>
For high schools (columns 94-98), . . . . .	xviii, xix; xl, xli <i>et seq.</i>

## B.

Baldwin, Edward C., resignation of, as business agent, . . . . .	17
Blind, Division of, officers of, . . . . .	7
Boarding halls, normal schools. <i>See</i> Financial statement, etc.; Normal schools.	
Board of Education. <i>See also</i> Department of Education.	
Accomplishments of, during period of seventy years, . . . . .	15
Consolidation with Commission on Industrial Education, . . . . .	14
Establishment of, law relating to, . . . . .	14
Horace Mann, appointment of, as first secretary of, . . . . .	13
Reorganization of educational work of State, . . . . .	14, 15
State normal schools, establishment of, . . . . .	13-17
Summary of achievements since establishment, . . . . .	8
Bradford Durfee Textile School, principal and trustees of, . . . . .	
Bridgewater State Normal School:	
Appropriations, expenditures and receipts, . . . . .	191
Boarding hall, . . . . .	68, 69
Departments of instruction in, . . . . .	65
Junior high school administrators, conference of, held at, . . . . .	71
Principal's report, extract from, . . . . .	66
State normal school instructors, conference of, held at, . . . . .	

## Buildings, school, value of:

Elementary schools (column 166), . . . . .	xxvi, xlviii <i>et seq.</i>
High schools (column 170), . . . . .	xxvii, xlix <i>et seq.</i>
Buildings, school, including new grounds, alterations and new equipment, expenditures for (columns 40-42), . . . . .	xi, xxxiii <i>et seq.</i>
In use Jan. 1, 1919, statistics on (columns 161-164), . . . . .	xxvi, xlviii <i>et seq.</i>
Bulletins and circulars of information on educational topics, publication of, . . . . .	17

## C.

Certification of high school pupils to normal schools, . . . . .	63, 171, 172
Certification of superintendents of schools, . . . . .	160
Certificates issued from 1904-19, . . . . .	160
Certification of teachers for State-aided high schools, . . . . .	62, 63
Child labor, enactment of law relating to, . . . . .	15, 16
Citizenship, Lawrence plan for education in, . . . . .	19-28
"Civics for Naturalization," revision of course in, . . . . .	129
Civics, the new instruction in, . . . . .	20-24
Commercial Department in Salem State Normal School, . . . . .	69
Commissioner of Education, report of, . . . . .	13-133
Board of Education, summary of achievements of, since its establish- ment, . . . . .	13-17
Americanization work, enactment of law relating to, . . . . .	17
Bulletins and circulars of information on educational topics, publi- cation of, . . . . .	17
Changes in 1919 in organization of educational work of State, . . . . .	13
Consolidation with Commission on Industrial Education, . . . . .	15
David Snedden, appointment of, as first commissioner, . . . . .	15
Employees in office of, increase in decade 1909-19 in number of, . . . . .	16
Horace Mann, appointment of, as first secretary, . . . . .	14
Law relating to establishment of, . . . . .	14
Laws enacted during decade 1909-19, list of, . . . . .	15, 16
University extension, development of field of, in decade 1909-19, . . . . .	16
Vocational education, development of, in decade 1909-19, . . . . .	16
High schools:	
Approval of high schools for certification to State normal schools, . . . . .	63
Certification of teachers for State-aided high schools, . . . . .	62, 63
High school administration, problems of, . . . . .	60, 61
High School Masters' Club of Massachusetts, report of committee of, . . . . .	60, 61
Junior high schools in 24 cities and towns, survey of, . . . . .	49-59
Planning high school buildings, . . . . .	39-49
State aid for high school education, . . . . .	61, 62
Lawrence plan for education in citizenship, . . . . .	19-28
Changes in the content of the course of study, . . . . .	19-26
Changes in method, . . . . .	27
Pupil participation in the management of the school, . . . . .	26
The new basis for rating children, . . . . .	28
The socialized recitation as a means of teaching citizenship, . . . . .	27
State normal schools:	
Comparative statistics as to membership, . . . . .	65
Conferences held at, list of, . . . . .	65, 66
Departments of instruction in, . . . . .	68-70
Enrollment in, loss in, . . . . .	64
Graduates from, number of, for years from 1915 to 1919, . . . . .	65

Commissioner of Education, report of — <i>Concluded.</i>	PAGE
State normal schools — <i>Concluded.</i>	
Normal School Association, election of officers of, . . . . .	66
Reports of principals, extracts from, . . . . .	70-85
Statistics, showing number of teachers, admissions, attendance, etc., for school year ending June, 1919, . . . . .	141
Summer sessions of, . . . . .	67
Teachers' salaries, . . . . .	29-38
Special commission to make a study of, appointment of, . . . . .	29
Average salaries of teachers in Massachusetts schools, 1910-11, 1915-16, and Jan. 1, 1920, . . . . .	35
For Jan. 1, 1920, . . . . .	37
Educational qualifications of teachers in Massachusetts, 1874-75 to 1920, . . . . .	34
For Jan. 1, 1920, . . . . .	36
Experience of teachers, prior to Sept. 1, 1919, . . . . .	36
Findings and conclusions of, . . . . .	29-32
Length of service of teachers in towns and cities where now em- ployed, prior to Sept. 1, 1919, . . . . .	37
Number of teachers newly employed in schools of Massachusetts during 1919, . . . . .	33
Number of teachers who terminated their employment in Massa- chusetts schools during 1919, . . . . .	32
State funds received by cities and towns from first annual dis- bursement under act of 1919, . . . . .	38
University Extension, Division of, . . . . .	120-133
Americanization, courses in, at Hyannis Normal School, . . . . .	122, 123
Act of 1919, administration of, . . . . .	120-122
Evening schools, collection of data on, . . . . .	124, 125
North Adams Normal School, extension courses in, . . . . .	130
Publications, . . . . .	128, 129
Vocational education, State-aided, . . . . .	86-119
Division of, organization of, . . . . .	86
Subdivision of administration:	
All fields, . . . . .	110, 111
Continuation schools, compulsory, field of, . . . . .	111-119
Smith-Hughes Report, . . . . .	119
Subdivision of supervision:	
Agricultural schools and departments, field of, . . . . .	86-89
Household arts schools and departments, field of, . . . . .	93-97
Industrial schools for men and boys, field of, . . . . .	89-92
Industrial schools for women and girls, field of, . . . . .	93
Subdivision of vocational teacher-training:	
Agricultural schools and departments, field of, . . . . .	101-103
All fields, . . . . .	97-101
Household arts schools and departments, field of, . . . . .	106-110
Industrial schools for men and boys, field of, . . . . .	103-106
Industrial schools for women and girls, field of, . . . . .	106
Compulsory school attendance law, first in United States, enactment of, . . . . .	15
Compulsory supervision of all schools by expert superintendents of schools, . . . . .	15
Conferences held at State normal schools, list of, . . . . .	65, 66
Continuation schools, compulsory, . . . . .	111-119
Conveyance of children to public schools. <i>See</i> Transportation of school children.	
Cost of public schools. <i>See</i> Expenditures for public schools.	
County training schools, location, superintendents, also statistics, . . . . .	180, 181

Courses of study for elementary and junior high school departments, re-	
ports upon, . . . . .	66
In normal schools, . . . . .	68-70

## D.

Deaf, education of, financial statement, . . . . .	190
Defectives, schools for the care and instruction of, establishment of, . . . .	15
Department of Education. <i>See also</i> Board of Education.	
Changes in staff of, . . . . .	17, 18
"Distribution of Costs in Secondary Education," report of committee of High School Masters' Club of Massachusetts, . . . . .	60, 61
Divisions of, with officers, . . . . .	5-9
Financial statement, Dec. 1, 1918, to Nov. 30, 1919, . . . . .	190, 191
Reorganization of educational work in State in 1919, . . . . .	13
District system, abolition of, . . . . .	15

## E.

Elementary and junior high school departments, courses of study for, reports upon, . . . . .	66
Elementary Schools:	
Agent of Department for, name of, . . . . .	5
Average salary of teachers in 1910-11, 1915-16, and Jan. 1, 1920 (table), . . . . .	35
For Jan. 1, 1920 (table), . . . . .	37
Buildings, value of (column 166), . . . . .	xxvi, xlviii <i>et seq.</i>
Enrollment in (columns 79, 80), . . . . .	xvii, xxxix <i>et seq.</i>
Evening, number of teachers, enrollment, and expenditure for support of (columns 62-64), . . . . .	xv, xxxvii <i>et seq.</i>
Instruction in, expenditure for (column 86), . . . . .	xvii, xxxix <i>et seq.</i>
Length of school year in days (column 82), . . . . .	xvii, xxxix <i>et seq.</i>
Membership by grades in (columns 126-137), . . . . .	xxii, xxiii; xlv, xlv <i>et seq.</i>
Principals of, number of (columns 74, 75), . . . . .	xvi, xxxviii <i>et seq.</i>
Support of, exclusive of general control, amount and cost per pupil for (columns 84, 85), . . . . .	xvii, xxxix <i>et seq.</i>
Teachers in, number of (columns 76-78), . . . . .	xvi, xxxviii <i>et seq.</i>
Textbooks, expenditures for (column 87), . . . . .	xvii, xxxix <i>et seq.</i>
Year grades in (column 71), . . . . .	xvi, xxxviii <i>et seq.</i>
Employment certificates issued to persons fourteen to sixteen years of age, statistics on (columns 111-125), . . . . .	xx, xxi; xlii, xliii <i>et seq.</i>
Equalization of educational opportunities, enactment of law relating to, . . .	15, 16
Evening schools:	
Expenditures for. <i>See also</i> Expenditures for public schools.	
Number of teachers, enrollment and expenditure for support of (columns 62-67), . . . . .	xv, xxxvii <i>et seq.</i>
Summary of statistics on, . . . . .	137, 138
Expenditures for public schools, 1918-19:	
Auxiliary agencies:	
Libraries (column 33), . . . . .	x, xxxii <i>et seq.</i>
Miscellaneous (column 38), . . . . .	xi, xxxiii <i>et seq.</i>
Promotion of health (column 34), . . . . .	x, xxxii <i>et seq.</i>
Transportation (columns 35, 36), . . . . .	x, xxxii <i>et seq.</i>
Tuition (column 37), . . . . .	xi, xxxiii <i>et seq.</i>
Evening schools (columns 64, 67), . . . . .	xv, xxxvii <i>et seq.</i>
General control (column 27), . . . . .	ix, xxxi <i>et seq.</i>



Expenditures for public schools, 1918-19 — *Concluded*.

PAGE

## Instruction:

Cost of high school, to towns with less than 5,000 population not  
maintaining high schools (columns 104-110),

cl, cli; clxxii, clxxiii *et seq.*

Transportation (column 105), . . . . . cl, clxxii *et seq.*

Tuition (column 104), . . . . . cl, clxxii *et seq.*

Elementary schools (column 86), . . . . . xvii, xxxix *et seq.*

High schools (column 101), . . . . . xix, xli *et seq.*

Stationery, supplies and miscellaneous (column 30), . . . . . ix, xxxi *et seq.*

Supervisors, principals and teachers, salaries and expenses of (column  
28), . . . . . ix, xxxi *et seq.*

Textbooks (column 29), . . . . . ix, xxxi *et seq.*

## Maintenance of school plant:

Repairs, replacement and upkeep (column 32), . . . . . x, xxxii *et seq.*

Operation of school plant, including janitor service, fuel, and miscel-  
laneous expenses (column 31), . . . . . ix, xxxi *et seq.*

## Outlay:

New equipment (column 41), . . . . . xi, xxxiii *et seq.*

New grounds, buildings, alterations (column 40), . . . . . xi, xxxiii *et seq.*

Support of public schools (columns 27-39), . . . . . ix-xi; xxxi-xxxiii *et seq.*

## Amount and cost per pupil:

Elementary schools (columns 84, 85), . . . . . xvii, xxxix *et seq.*

High schools (columns 99, 100), . . . . . xix, xli *et seq.*

From all sources; also cost per pupil, with numerical rank of town  
and city (columns 51-53), . . . . . xiii, xxxv *et seq.*

From local taxation; also cost per pupil, with numerical rank of  
town and city (columns 43-45), . . . . . xii, xxxvi *et seq.*

Per \$1,000 valuation, amount and rank (columns 58, 59), . . . . . xiv, xxxvi *et seq.*

Vacation schools (column 70), . . . . . xv, xxxvii *et seq.*

## F.

Financial statement, Department of Education, Dec. 1, 1918, to Nov. 30,

1919, . . . . . 190, 191

## Fitchburg State Normal School:

Appropriations, expenditures and receipts, . . . . . 191

Boarding hall, . . . . . 191

Departments of instruction in, . . . . . 68, 69

Principal's report, extract from, . . . . . 72, 73

Summer session at, in regular work, . . . . . 70

## Framingham State Normal School:

Appropriations, expenditures, and receipts, . . . . . 191

Boarding hall, . . . . . 191

Departments of instruction in, . . . . . 68, 69

Framingham Superintendents' Club, conference of, held at, . . . . . 66

New dormitory at, ground broken for, . . . . . 67

Principal's report, extract from, . . . . . 73, 74

Superintendents of schools, conference of, held at, . . . . . 65

Vocational household arts course, resident supervisor of, appointment  
of, . . . . . 17

Framingham Superintendents' Club, conference of, held at Framingham

State Normal School, . . . . . 66

Free textbooks, compulsory, enactment of first law relating to, . . . . . 15

Expenditures for (columns 29, 87, 102), . . . . . ix, xxxi; xvii, xxxix, xix, xli *et seq.*

Fund. *See* Massachusetts School Fund.

## G.

PAGE

Gardening and food conservation, summer school in, at Framingham State Normal School, . . . . .	67
General control of public schools, expenditures for (column 27), . . . . .	ix, xxxi <i>et seq.</i>
Grades in public school system, number of (columns 71-73), . . . . .	xvi, xxxviii <i>et seq.</i>
Guyton, Mary L., appointment of, as assistant to Supervisor of Americanization, . . . . .	18

## H.

Health, promotion of, expenditures for (column 34), . . . . .	x, xxxii <i>et seq.</i>
High school education at public expense for all children of the Commonwealth, enactment of law relating to, . . . . .	15
High School Masters' Club of Massachusetts, reports of committees of, . . . . .	60, 61
High school principalships, statistical data regarding (table), . . . . .	161-170
High Schools:	
Agent of Department for, name of, . . . . .	5
Approval of, for privilege of certification to State normal schools, . . . . .	63
List of, approved in 1919, . . . . .	171, 172
Average salaries of teachers in, Jan. 1, 1920 (table), . . . . .	37
For 1910-11, 1915-16, and Jan. 1, 1920 (table), . . . . .	35
Buildings, value of (column 170), . . . . .	xxvii, xlix <i>et seq.</i>
Certification of teachers for State-aided, . . . . .	62, 63
Enrollment in (columns 94, 95), . . . . .	xviii, xl <i>et seq.</i>
Evening, number of teachers, enrollment and expenditure for support of (column 65-67), . . . . .	xv, xxxvii <i>et seq.</i>
High school administration, problems of, . . . . .	60, 61
High School Masters' Club of Massachusetts, reports of committees of, . . . . .	60, 61
Instruction in, expenditures for (column 101), . . . . .	xix, xli <i>et seq.</i>
In towns with less than 5,000 population not maintaining high schools:	
Transportation (column 105), . . . . .	cl, clxxii <i>et seq.</i>
Tuition (column 104), . . . . .	cl, clxxii <i>et seq.</i>
Junior high schools. <i>See</i> Junior high schools.	
Length of school year in days (column 97), . . . . .	xix, xli <i>et seq.</i>
List of, grouped by population of towns and cities, . . . . .	161-170
Membership by grades in (columns 138-144), . . . . .	xxiii, xlv <i>et seq.</i>
Number of (column 88), . . . . .	xviii, xl <i>et seq.</i>
Planning high school buildings, . . . . .	39-49
Articulating assembly and gymnasium, . . . . .	45
Basic principles in planning new high school buildings, . . . . .	39-44
Architect, selection of, . . . . .	40
Essential qualities of the building itself, . . . . .	40-44
Future development of the school system, . . . . .	39
Site, selection of, . . . . .	40
Junior-senior building, advantages of, . . . . .	44, 45
Program for a high school building, . . . . .	46-49
Articulation of rooms, . . . . .	49
Two-story building, . . . . .	47
Three-story building, . . . . .	48
Principals of, number of (columns 89, 90), . . . . .	xviii, xl <i>et seq.</i>
State aid for education in, . . . . .	173-179
State grant for high schools, list of towns receiving, year ending June 30, 1919, . . . . .	62
Table showing number of years in course in high school, number of resident pupils, etc., . . . . .	173-179

High Schools — *Concluded.*

PAGE

State aid for education in — *Concluded.*

Transportation reimbursement, . . . . .	62
Financial statement, . . . . .	190
Table showing reimbursement for 1918-19, . . . . .	173-179
Tuition reimbursement, . . . . .	61
Financial statement, . . . . .	190
Table showing reimbursement for 1918-19, . . . . .	173-179

Support of, exclusive of general control, amount and cost per pupil  
for (columns 99, 100), . . . . . xix, xli *et seq.*

Teachers in, number of (columns 91, 92), . . . . . xviii, xl *et seq.*

Textbooks, expenditures for (column 102), . . . . . xix, xli *et seq.*

Year grades in (column 73), . . . . . xvi, xxxviii *et seq.*

History, teaching of, . . . . . 25, 26

Home-making education. *See* Vocational education, State-aided.

"Home permits" and employment certificates issued to persons fourteen  
to sixteen years of age, statistics on (columns 114-119),  
xx, xxi; xlii, xliii *et seq.*

Horace Mann Hall, Framingham State Normal School, ground broken for, 67

Household arts. *See also* Vocational education, State-aided.

Framingham State Normal School, department in, for training of  
teachers in, . . . . . 69

Resident training course at, for teachers of vocational, . . . . . 107, 108

North Adams State Normal School, elective course in, . . . . . 69

Hyannis State Normal School:

Appropriations, expenditures and receipts, . . . . . 191

Boarding hall, . . . . . 191

Departments of instruction in, . . . . . 68

Old Colony Superintendents' Club, conference of, held at, . . . . . 66

Principal's report, extract from, . . . . . 74-76

Summer school at, courses in, . . . . . 70

Americanization, courses in, . . . . . 122, 123

Bulletin on, . . . . . 129

I.

Illiterates, in registration of minors, number of (column 17), . . . . . vii, xxix *et seq.*

Number receiving employment certificates (column 18), . . . . . vii, xxix *et seq.*

Immigrants. *See* Americanization.

Immigration and Americanization, Division of, officers of, . . . . . 6

Incidental expenses, financial statement, . . . . . 190

Independent industrial schools, financial statement, . . . . . 190

Industrial education. *See* Vocational education, State-aided.

Institute for surrounding towns, held at Lowell, . . . . . 66

Institutes, teachers', financial statement, . . . . . 190

Instruction in public schools, expenditures for. *See* Expenditures for public  
schools.

Intermediate schools. *See* Junior high schools.

J.

Junior high school administrators, conference of, held at Bridgewater State  
Normal School, . . . . . 65

Junior high school departments, courses of study for, reports upon, . . . . . 66

Junior high schools:

Normal schools, departments in, for training of teachers for, . . . . . 68, 69

Survey of, . . . . . 49-59

Junior high schools — <i>Concluded.</i>	PAGE
Survey of — <i>Concluded.</i>	
Tables showing:	
Basis of admission, length and number of class periods, etc., in, . . . . .	53
Curriculums offered and years in which given, . . . . .	56
Experience and training of principals and teachers in, . . . . .	52
Population of city or town, years in division of school system, buildings used, enrollment, etc., in, . . . . .	51
Subjects offered and years in which offered, . . . . .	58, 59
When curriculums may be changed, the portion of periods pre- scribed, etc., . . . . .	55
Whether or not desirable improvements have been secured through organization of, . . . . .	57
Whether or not teaching is on departmental plan, vocational guidance provided, and a course in occupation offered in, . . . . .	54
Year grades in (column 72), . . . . .	xvi, xxxviii <i>et seq.</i>

## K.

Kindergartens, membership in (column 126), . . . . .	xxii, xlv <i>et seq.</i>
Worcester State Normal School, department in, for training of teachers for, . . . . .	69

## L.

Lancaster, State Industrial School for Girls at, statistics on, number of pupils, teachers, etc., . . . . .	181
Lawrence plan for education in citizenship, . . . . .	19-28
Laws enacted during decade 1909-19, list of, . . . . .	15, 16
Libraries, Public, Division of, officers of, . . . . .	7
Libraries, school, expenditures for (column 33), . . . . .	x, xxxii <i>et seq.</i>
Lowell State Normal School:	
Appropriations, expenditures and receipts, . . . . .	191
Departments of instruction in, . . . . .	68, 69
Music supervisors, . . . . .	69
Institute for surrounding towns held at, . . . . .	66
Lawrence plan for education in citizenship, contribution to, . . . . .	19
Principal's report, extract from, . . . . .	76, 77
Lowell Textile School, president and trustees of, . . . . .	9
Lyman School for Boys at Westborough, statistics on number of pupils, teachers, etc., . . . . .	181

## M.

Mahoney, John J., appointment of, as supervisor of Americanization, . . . . .	18, 121
Mann, Horace, first secretary of Board of Education, appointment of, . . . . .	14
Massachusetts Agricultural College, president and trustees of, . . . . .	8
Summer school at Amherst through co-operation of, . . . . .	67, 70
Massachusetts Nautical School, officers of, . . . . .	8
Massachusetts Normal Art School:	
Appropriations, expenditures, and receipts, . . . . .	191
Departments in, for training of teachers, designers, etc., . . . . .	70
Principal's report, extract from, . . . . .	83-85
Massachusetts School Fund, condition; also income from 1905-18, . . . . .	182
Town's share of income (column 54), . . . . .	xiii, xxxv <i>et seq.</i>
Medical inspection of school children, enactment of law relating to, . . . . .	15, 16
Expenditures for sight and hearing tests, blanks, etc., . . . . .	190
For promotion of health (column 34), . . . . .	x, xxxii <i>et seq.</i>

	PAGE
Minimum salaries for teachers and superintendents of schools in superintendency unions, enactment of law relating to, . . . . .	15, 16
Minors:	
Between fourteen and sixteen, issuance of "employment certificates" and "home permits" to, statistics on (columns 111-125), . . . . .	xx, xxi; xlii, xliii <i>et seq.</i>
Child labor, enactment of law relating to, . . . . .	15, 16
Continuation schools, enactment of laws relating to, . . . . .	15, 16, 111
Registration of, April 1, 1919, statistics relative to (columns 8, 11, 14), . . . . .	vii, xxix <i>et seq.</i>
Illiterates, number of (column 17), . . . . .	vii, xxix <i>et seq.</i>
Receiving employment certificates, number of (column 18), . . . . .	vii, xxix <i>et seq.</i>
Number of persons between five and sixteen years of age:	
In public schools (columns 9, 12, 15), . . . . .	vii, xxix <i>et seq.</i>
In private schools (columns 10, 13, 16), . . . . .	vii, xxix <i>et seq.</i>
Music supervisors, department in Lowell State Normal School for training of, . . . . .	69

## N.

Nautical School, Massachusetts, officers of, . . . . .	8
New Bedford Textile School, principal and trustees of, . . . . .	9
Normal Art School, State. <i>See</i> Massachusetts Normal Art School.	
Normal School Association, officers of, election of, . . . . .	66
Normal schools, State:	
Aid to pupils in, financial statement, . . . . .	190
Appropriations, expenditures, and receipts, . . . . .	191
Boarding halls, . . . . .	191
Conferences held at, list of, . . . . .	65, 66
Departments of instruction in, . . . . .	68-70
Enrollment in, loss in, . . . . .	64
Establishment of, . . . . .	15
Extension courses in, . . . . .	130
Graduates from, number of, for years from 1915 to 1919, . . . . .	65
High schools, approval of, for privilege of certification to, . . . . .	63
List of, approved in 1919, . . . . .	171, 172
Membership in, comparative statistics as to, . . . . .	65
Principals, reports of, extracts from, . . . . .	70-85
Statistics, showing number of teachers, admissions, attendance, etc., for school year ending June, 1919, . . . . .	141
Summer schools at Fitchburg and Hyannis, . . . . .	67
North Adams State Normal School:	
Appropriations, expenditures and receipts, . . . . .	191
Boarding hall, . . . . .	191
Departments of instruction in, . . . . .	68, 69
Household arts, elective courses in, . . . . .	69
Principal's report, extract from, . . . . .	77, 78

## P.

"Part-time Education as a Minimum Requirement for Every One up to the Age of Eighteen Years," report of committee of High School Masters' Club of Massachusetts, . . . . .	60
Practical Arts. <i>See</i> Vocational education, State-aided.	
Fitchburg State Normal School, department in, for training of men in, . . . . .	69

Principals and teachers in public schools, classified according to training:	
Elementary schools (columns 146-152), . . . . .	xxiv, xlv <i>et seq.</i>
High schools (columns 153-159), . . . . .	xxv, xlvii <i>et seq.</i>
Principals, supervisors and teachers, salaries and expenses of (column 28),	ix, xxxi <i>et seq.</i>
Private schools, number of persons on April 1, 1919, between five and six-	
teen years of age in (columns 10, 13, 16), . . . . .	vii, xxix <i>et seq.</i>
Public Libraries, Division of, officers of, . . . . .	7
Pupils in public day schools, classified as to grade (columns 126-145),	xxii, xxiii; xlv, xlv <i>et seq.</i>

## R.

Rate of total tax per \$1,000 valuation, 1918 (columns 60, 61), . . . . .	xiv, xxxvi <i>et seq.</i>
Registration of minors, April 1, 1919, statistics relative to (columns 8, 11,	
14, 17), . . . . .	vii, xxix <i>et seq.</i>
Number of persons between five and sixteen years of age:	
In private schools (columns 10, 13, 16), . . . . .	vii, xxix <i>et seq.</i>
In public schools (columns 9, 12, 15), . . . . .	vii, xxix <i>et seq.</i>
Registration of teachers. <i>See</i> Teachers' Registration Bureau.	
Repairs, replacement and upkeep of school plant, expenditures for (column	
32), . . . . .	x, xxxii <i>et seq.</i>
Retirement of teachers, enactment of law relating to, . . . . .	15, 16
Rural School Conference held at Worcester State Normal School, . . . . .	65

## S.

Salaries (commissioner, directors, agents, etc.), financial statement, . . . . .	190
High school principals (table), . . . . .	161-170
Superintendents of schools (table), . . . . .	142-147
In unions (table), . . . . .	150-159
Enactment of law relating to, . . . . .	15, 16
Teachers. <i>See</i> Teachers, salaries of, special commission to make a	
study of.	
Salem State Normal School:	
Appropriations, expenditures and receipts, . . . . .	191
Departments of instruction in, . . . . .	68, 69
Principal's report, extract from, . . . . .	78-80
School buildings, including alterations, new grounds and new equipment,	
expenditures for (columns 40-42), . . . . .	xi, xxxiii <i>et seq.</i>
In use Jan. 1, 1919, statistics as to (columns 161-164), . . . . .	xxvi, xlviii <i>et seq.</i>
School buildings, including sites and equipment, value of:	
Elementary schools (columns 165-168), . . . . .	xxvi, xxvii; xlviii, xlix <i>et seq.</i>
High schools (columns 169-172), . . . . .	xxvii, xlix <i>et seq.</i>
School buildings:	
High, planning of, . . . . .	39-49
Articulating assembly and gymnasium, . . . . .	45
Basic principles in, . . . . .	39-44
Architect, selection of, . . . . .	40
Essential qualities of the building itself, . . . . .	40-44
Future development of the school system, . . . . .	39
Site, selection of, . . . . .	40
Junior-senior building, advantages of, . . . . .	44, 45
Program for, . . . . .	46-49
Articulation of rooms, . . . . .	49
Two-story building, . . . . .	47
Three-story building, . . . . .	48

## School committees:

Comparative statistics for years 1908-09 and 1918-19, . . . . .	cciv, ccv
School returns of, for 1918-19, tabulation of, . . . . .	i-ccv
Explanation of table of statistics, . . . . .	ii, iii
Index to names and numbers of cities and towns, . . . . .	iv, v
Summary of, . . . . .	135-140

School enrollment, membership, attendance (columns 19-26), . . . . .	viii, xxx <i>et seq.</i>
Elementary schools (columns 79-83), . . . . .	xvii, xxxix <i>et seq.</i>
High schools (columns 94-98), . . . . .	xviii, xix; xl, xli <i>et seq.</i>

School Fund. *See* Massachusetts School Fund.

School libraries, expenditures for (column 33), . . . . .	x, xxxii <i>et seq.</i>
School registers, blanks, etc., financial statement, . . . . .	190
School year, length of, in days (column 22), . . . . .	viii, xxx <i>et seq.</i>
Elementary schools (column 82), . . . . .	xvii, xxxix <i>et seq.</i>
High schools (column 97), . . . . .	xix, xli <i>et seq.</i>

Shirley, Industrial school for boys at, statistics and number of pupils, teachers, etc., . . . . .	181
--	-----

Sight and hearing tests, etc., blanks for, financial statement, . . . . .	190
---	-----

Smith-Hughes Report, . . . . .	119
--------------------------------	-----

Smith, Payson, Commissioner of Education, report of, . . . . .	13-133
--	--------

Snedden, David, first commissioner of education, appointment of, . . . . .	15
--	----

Special commission on teachers' salaries, appointment of, . . . . .	29
Findings and conclusions, . . . . .	29-32

Statistical tables as to employment of teachers, length of service, educational qualifications, experience, average salaries, etc., . . . . .	32-38
---	-------

"Standards for Awarding Diplomas in State Normal Schools," report of committees of principals of State normal schools on, . . . . .	66
---	----

## State aid:

High schools. *See* High schools, State aid for education in.

Income of Massachusetts School Fund to towns (column 54), . . . . .	xiii, xxxv <i>et seq.</i>
---	---------------------------

Normal school pupils, financial statement, . . . . .	190
--	-----

Superintendency unions, . . . . .	150-159
-----------------------------------	---------

Teachers' salaries, on account of (table), . . . . .	183-187
--	---------

Vocational education. *See* Vocational education, State-aided.

State industrial schools, statistics on, number of pupils, teachers, etc., in, . . . . .	181
--	-----

## State normal school instructors:

Conference of, held at Bridgewater State Normal School, . . . . .	66
---	----

Reports upon minimum essentials in the courses of study for elementary and junior high school departments, . . . . .	66
--	----

Stationery, supplies and miscellaneous, expenditures for (column 30), ix, xxxi <i>et seq.</i>	
---	--

## Statistics:

Comparison of certain State totals for years 1908-09 and 1918-19, table showing, . . . . .	cciv, ccv
--	-----------

Explanation of main table of school returns, . . . . .	ii, iii
--	---------

Index of names and numbers of towns and cities, . . . . .	iv, v
---	-------

Massachusetts School Fund, income from, town's share in 1918 (columns 54, 55), . . . . .	xiii, xxxv <i>et seq.</i>
--	---------------------------

Normal schools, State, . . . . .	141
----------------------------------	-----

Population, State census, 1915 (column 1), . . . . .	vi, xxviii <i>et seq.</i>
--	---------------------------

School committees' returns for 1918-19, tabulation of, . . . . .	i-ccv
Elementary schools, public day (columns 74-87), . . . . .	xvi, xvii; xxxviii, xxxix <i>et seq.</i>

Evening and vacation schools (columns 63-70), . . . . .	xv, xxxvii <i>et seq.</i>
---	---------------------------

High schools, public day (columns 88-102), . . . . .	xviii, xix; xl, xli <i>et seq.</i>
--	------------------------------------

High school education in towns not maintaining high schools (columns 103-110), . . . . .	cl, cli; clxxii, clxxiii <i>et seq.</i>
--	---

Statistics — *Concluded.*

PAGE

State recapitulation (columns 1-173), . . . . .	clxxxii-cciii
Elementary schools (columns 74-87), . . . . .	cxcii, cxoiii
High schools (columns 88-102), . . . . .	cxxviii, cxxix
High school education in towns of less than 5,000 population and not maintaining high schools (columns 103-110), . . . . .	cxci, cxev
Summary of, public day, evening and vacation, . . . . .	135-140
University extension, statistical tables on, . . . . .	259-267
Vocational education, State-aided, statistical tables on, . . . . .	192-258
Sturtevant, Edna M., appointment of, as agent in Division of Vocational Education, . . . . .	17
Summer schools:	
Amherst, courses in educational methods at, . . . . .	67, 70
Fitchburg State Normal School, . . . . .	67, 70
Framingham State Normal School, courses in gardening and food preser- vation at, . . . . .	67, 70
Hyannis State Normal School, . . . . .	67, 70
Superintendency unions, financial statement, . . . . .	190
Index of towns in, . . . . .	148, 149
Salaries of superintendents of schools in, . . . . .	150-159
Table of statistics for 1919, showing date of formation, valuation of towns, State aid to each town, etc., . . . . .	150-159
Superintendents of schools:	
Certification of, . . . . .	160
Conference of, held at Framingham State Normal School, . . . . .	65
List of, alphabetically arranged, with salaries and superintendencies, . . . . .	142-147
Minimum salary for, enactment of law relating to, . . . . .	15, 16
Salaries of, table giving, . . . . .	142-147
Tenure of office for, enactment of law relating to, . . . . .	15, 16
Supervisors, principals and teachers, salaries and expenses of (column 28), . . . . .	ix, xxxi <i>et seq.</i>
Support of public schools. <i>See</i> Expenditures for public schools.	
Survey of junior high schools, by Willard M. Whitman, . . . . .	49-59

## T.

## Teachers:

Certification of, for State-aided high schools, . . . . .	62, 63
Institutes, financial statement, . . . . .	190
Minimum salary for, enactment of law relating to, . . . . .	15, 16
Retirement of, enactment of law relating to, . . . . .	15, 16
Salaries of, enactment of law relating to equalization of educational opportunities through State aid applied to, . . . . .	15, 16
Special commission to make a study of, appointment of, . . . . .	29
Average salaries of teachers in Massachusetts schools, 1910-11, 1915-16, and Jan. 1, 1920 (table), . . . . .	35
For Jan. 1, 1920 (table), . . . . .	37
Educational qualifications of teachers in Massachusetts, 1874-75 to 1920 (table), . . . . .	34
For Jan. 1, 1920 (table), . . . . .	36
Experience of teachers, prior to Sept. 1, 1919 (table), . . . . .	36
Findings and conclusions of, . . . . .	29-32
Length of service of teachers in town or city where now employed, prior to Sept. 1, 1919 (table), . . . . .	37
Number of teachers newly employed in schools of Massachusetts during 1919 (table), . . . . .	33
Number of teachers who terminated their employment in Massa- chusetts schools during 1919 (table), . . . . .	32
Statistical tables as to employment of teachers, length of service, educational qualifications, experience, average salaries, etc., . . . . .	32-38



Teachers — <i>Concluded.</i>	PAGE
Tenure of office for, enactment of law relating to, . . . . .	15, 16
Training of. <i>See</i> Training of teachers.	
Teachers, principals and supervisors, salaries of (column 28), . . . . .	ix, xxxi <i>et seq.</i>
Teachers and principals in public schools, classified according to training:	
Elementary school (columns 146-152), . . . . .	xxiv, xlv <i>et seq.</i>
High school (columns 153-159), . . . . .	xxv, xlvii <i>et seq.</i>
Teachers' Registration Bureau:	
Agent of Department in, name of, . . . . .	5
Creation of, enactment of law relating to, . . . . .	15, 16
Positions filled by, number of, . . . . .	189
Receipts, financial, . . . . .	190
Teachers registered in, number of, . . . . .	188
Teachers' Retirement Board, officers of, . . . . .	7
Tenure of office for teachers and superintendents of schools, enactment of	
law relating to, . . . . .	15, 16
Textbooks, compulsory free, enactment of first law relating to, . . . . .	15
Expenditures for (column 29), . . . . .	ix, xxxi <i>et seq.</i>
Elementary schools (column 87), . . . . .	xvii, xxxix <i>et seq.</i>
High schools (column 102), . . . . .	xix, xli <i>et seq.</i>
Textile schools, with list of officers, . . . . .	8, 9
"The Advisability of Lengthening the Normal School Course," report of	
committee of principals of State normal schools on, . . . . .	66
"The Federal-State Program," Americanization, bulletin on, . . . . .	129
The Lawrence plan for education in citizenship:	
Changes in the content of the course of study, . . . . .	19-26
History, teaching of, . . . . .	25, 26
The new instruction in civics, . . . . .	20
Naturalization project, . . . . .	21-23
Translating civic instruction into civic action, . . . . .	23, 24
Changes in method, . . . . .	27
Pupil participation in the management of the school, . . . . .	26
The new basis for rating children, . . . . .	28
The socialized recitation as a means of teaching citizenship, . . . . .	27
"The Problem of Immigrant Education in Massachusetts," bulletin	
on, . . . . .	129
"The Teachers' Handbook," Americanization, bulletin on, . . . . .	129
Towne, Charles F., Americanization courses at summer session of Hyannis	
Normal School given by, . . . . .	122, 123
Resignation of, as agent for immigrant education, . . . . .	17
Training, classification of principals and teachers according to:	
Elementary schools (columns 146-152), . . . . .	xxiv, xlv <i>et seq.</i>
High schools (columns 153-159), . . . . .	xxv, xlvii <i>et seq.</i>
Training of teachers, . . . . .	68, 69
For vocational schools, . . . . .	97-101
In normal schools, . . . . .	68-70
Training schools, county, location, superintendents, etc., . . . . .	180, 181
Transportation of school children, expenditures for (columns 35, 36), . . . . .	x, xxxii <i>et seq.</i>
High school:	
In towns with less than 5,000 population not maintaining high	
schools (column 105), . . . . .	cl, clxxii <i>et seq.</i>
State reimbursement of expenditures for, financial statement, . . . . .	190
Number of towns receiving, . . . . .	62
Table showing reimbursement for 1918-19, . . . . .	173-179
Traveling expenses (commissioner, directors, agents, etc.), financial state-	
ment, . . . . .	190
Treasury, State, receipts reverting to, financial statement, . . . . .	190

	PAGE
Tuition of school children, expenditures for (column 37), . . .	xi, xxxiii <i>et seq.</i>
High school:	
In towns with less than 5,000 population not maintaining high schools (column 104), . . . . .	cl, clxxii <i>et seq.</i>
State reimbursement of expenditures for, financial statement, . . .	190
Number of towns receiving, . . . . .	61
Table showing reimbursements for 1918-19, . . . . .	173-179

## U.

Union superintendencies. *See* Superintendency unions.

University Extension, Division of:

Agents in the, appointment of, . . . . .	18
Agents of Department in, names of, . . . . .	6
Americanization:	
Act of 1919, administration of, . . . . .	120-122
Bulletins on, . . . . .	129
Courses in, . . . . .	120; 122, 123
Supervisor of, appointment of, . . . . .	18, 121
Certificating classes, . . . . .	124
Classes of special interest, . . . . .	125, 126
Connecticut Valley colleges, co-operation with, . . . . .	130
Co-operative classes, . . . . .	123
Correspondence courses:	
Completion of, time spent in, . . . . .	131
Figures, showing, . . . . .	132
Dropped students in, . . . . .	128
Basis of classification, table showing, . . . . .	128
Correspondence instruction, improvement of, . . . . .	127
Development in field of, in decade 1909-19, . . . . .	16
Evening schools, collection of data on, . . . . .	124, 125
Expenditures of, . . . . .	190, 267
Instruction material, improvement of, . . . . .	123
North Adams State Normal School, extension courses in, . . . . .	130
Publications of, . . . . .	128, 129
Public exercises on completion of classes, . . . . .	126, 127
At General Electric Company, Lynn, . . . . .	127
Re-enrollments, . . . . .	129
Statistics, . . . . .	259-267
Average age of students since establishment of Division, . . . . .	266
Connecticut Valley, enrollment, in courses offered, by committee on university extension in, . . . . .	266
North Adams Normal School Correspondence Courses, students in, distributed according to school years, . . . . .	266
Students, number of:	
According to type of instruction, summary of total enrollment, . . . . .	259
In correspondence courses by groups of subjects, . . . . .	259, 260
In extension classes and groups, with subjects taught, . . . . .	261-265
Who have completed courses since establishment of Division, . . . . .	265
Who have re-enrolled in courses since establishment of Division, . . . . .	265

## V.

Vacation schools, number of teachers, enrollment, and expenditures for sup- port of (columns 68-70), . . . . .	xv, xxxvii <i>et seq.</i>
Summary of statistics on, . . . . .	138

Valuation per pupil in net average membership of public schools, amount and rank (columns 56, 57), . . . . .	xiv, xxxvi <i>et seq.</i>
Vocational Education, State-aided, Division of:	
Agents of Department in, appointment of, . . . . .	17
Names of, . . . . .	5, 6
Continuation schools, enactment of laws relating to, . . . . .	15, 16, 111
Development of, in decade 1909-19, statistics as to, . . . . .	16
Organization of, . . . . .	86
Subdivision of administration, . . . . .	110-119
All fields, . . . . .	110, 111
Continuation schools, compulsory, field of, . . . . .	111-119
Argument for, . . . . .	114
Blank form of certificate prescribed for returns on, . . . . .	116, 117
Definition of, . . . . .	113
Directors of, . . . . .	118
Future outlook for, . . . . .	114
Legislative enactment in 1919, as to, . . . . .	111
Essential provisions of, . . . . .	111-113
Municipalities required to establish, . . . . .	114, 115
Plans for conducting, . . . . .	118
Teachers of, selection and training of, . . . . .	118, 119
Smith-Hughes Report, . . . . .	119
Subdivision of supervision, . . . . .	86-97
Agricultural school and departments, field of, . . . . .	86-89
High school agricultural departments, . . . . .	88, 89
Separate and county agricultural schools, . . . . .	86, 87
Household arts schools and departments, field of, . . . . .	93-97
Practical art schools, . . . . .	95-97
Industrial schools for men and boys, field of, . . . . .	89-92
Industrial schools for women and girls, field of, . . . . .	93
Subdivision of vocational teacher-training, . . . . .	97-110
Agricultural schools and departments, field of, . . . . .	101-103
All fields, . . . . .	97-101
Household arts schools and departments, field of, . . . . .	106-110
Practical arts schools, . . . . .	109, 110
Industrial schools for men and boys, field of, . . . . .	103-106
Industrial schools for women and girls, field of, . . . . .	106
Statistics, . . . . .	192-258
Agricultural education, earnings of pupils from farm and other work, etc. (Table 5), . . . . .	225
Financial statement of all types of schools (Table 2), . . . . .	198-219
Prizes won in 1919, summary of all vocational agricultural school and department pupils (Table 4), . . . . .	224
Roster of State-aided vocational schools (Table 1), . . . . .	192-197
Smith-Hughes funds, distribution of (Table 7), . . . . .	252, 253
Statistics of teacher-training work (Table 8), . . . . .	254-258
Summarized financial statement of all types of schools (Table 3), . . . . .	220-223
Vital statistics by types of schools and departments (Table 6), . . . . .	226-251
Teacher, training of, financial statement, . . . . .	190

W.

Westborough, Lyman School for Boys at, statistics on, number of pupils, teachers, etc., . . . . .	181
Westfield State Normal School:	
Appropriations, expenditures, and receipts, . . . . .	191
Boarding hall, . . . . .	191

Westfield State Normal School — <i>Concluded.</i>	PAGE
Departments of instruction in, . . . . .	68
Principal's report, extract from, . . . . .	81, 82
Whitman, Willard M., junior high schools, survey of, by, . . . . .	49-59
Worcester County Superintendents' Association, conference of, held at Worcester State Normal School, . . . . .	66
Worcester State Normal School:	
Appropriations, expenditures and receipts, . . . . .	191
Boarding hall, . . . . .	191
Departments of instruction in, . . . . .	68, 69
Principal's report, extract from, . . . . .	82, 83
Rural School Conference held at, . . . . .	65
Worcester County Superintendents' Association, conference of, held at,	66







